

MASTER SUBJECT INDEX

Absorption spectrophotometry of daunorubicin	46 (1974) 5
Acetohydroxy acid synthetase effect of valine	43 (1974) 64
<i>N</i> -Acetyl aspartate function in brain	47 (1974) 185
Acetylcholine binding to cerebral proteolipids	41 (1974) 151
binding to proteolipids and phospholipids	42 (1974) 319
effect on 3',5'-cyclic AMP	46 (1974) 289
Acetylcholine receptor a conformation study	45 (1974) 145
desensitisation and agonist binding	46 (1974) 354
from rat diaphragm	48 (1974) 130
from skeletal muscle	46 (1974) 145
<i>Naja naja siamensis</i> toxin binding site	47 (1974) 204
Acetylcholine receptor protein	48 (1974) 26
Acetylcholinesterase binding to concanavalin A	47 (1974) 260
interaction with α -bungarotoxin	46 (1974) 218
Acetyl CoA carboxylase	44 (1974) 55; 46 (1974) 233
formation from glutamine	42 (1974) 279
NMR study	43 (1974) 271
<i>N</i> -Acetyl- β -hexosaminidase	41 (1974) 181; 50 (1975) 66
<i>N</i> -Acetylglucosamine oligomers binding to wheat germ agglutinin	46 (1974) 224
<i>N</i> -Acetyl glucosamine derivatives of proteins	50 (1975) 300
<i>N</i> -Acetylglucosaminyl transferase	44 (1974) 311
Acetylornithinase	43 (1974) 285
Acetylphenylalanyl naphthylester	43 (1974) 313
Acetyl phosphatase	42 (1974) 246
3-Acetylpyridine adenine dinucleotide (3-AcPyAD)	49 (1974) 10
N ⁴ -Acetylsulphadimethoxine	46 (1974) 134
Acid-base phosphorylation in chromatophores	43 (1974) 267
Acid protease	42 (1974) 352
ACTH regulation of cyclic AMP and cyclic GMP levels	45 (1974) 107
comparison of ovine and bovine species	45 (1974) 172
Actin e-ATP interaction	46 (1974) 17
binding of phallotoxin	46 (1974) 351
interaction with ATP, ADP and analogues	44 (1974) 209
interaction with phalloidin and derivatives	44 (1974) 340
Active enzyme centrifugation of fructose 1.6-diphosphatase	42 (1974) 154
Actomyosin-ATPase	43 (1974) 277
Acyl-CoA <i>see</i> Palmitoyl-CoA, Stearyl-CoA	
Acyl phosphatase	42 (1974) 246
Adaptation in <i>Rhodopseudomonas spheroides</i>	44 (1974) 169
Adenine derivatives	

NMR study	41 (1974) 253
Adenine nucleotide	
translocase	48 (1974) 250
translocator	49 (1975) 314
Adenosine-3'-5'-cyclic monophosphate <i>see</i> 3'-5'-Cyclic AMP	
Adenosine	
binding to alcohol dehydrogenase	43 (1974) 289
NMR study of derivatives	41 (1974) 253
3'-5'-Adenosine diphosphate	
NMR study	43 (1974) 271
Adenosine diphosphoribose (ADPR)	43 (1974) 318
Adenosine pentaphosphate (pppApp)	44 (1974) 87
Adenosine tetraphosphate (ppApp)	44 (1974) 87
Adenosine triphosphatase (ATPase)	42 (1974) 343
adaptation to temperature	50 (1975) 293
association with 5S RNA--protein complex	42 (1974) 42
at neuroblastoma all membranes	49 (1974) 42
ATP-dependent charge transfer	50 (1975) 223
attachment of spin-label probe	47 (1974) 236
connected with myosin and actomyosin	43 (1974) 277
defined lipid environment	41 (1974) 122
effect of cobalt	47 (1974) 7
effect of electrical stimulation of muscle cells	49 (1974) 188
effect of magnesium	47 (1974) 352
in chromaffin granule membrane	50 (1975) 21
inhibition by lanthanum	50 (1975) 135
involvement in calcium transport	47 (1974) 76
inhibitor, attachment of spin-label probe	47 (1974) 236
mechanism of proton transport	43 (1974) 189
Mg ²⁺ regulation of Ca ²⁺ transport	50 (1975) 261
of astroglial cell walls	45 (1974) 337
of mitochondria	43 (1974) 212
proton translocation	50 (1975), 91; 50 (1975) 95
relation to digitoxin-binding protein	45 (1974) 150
S-Adenosyl-L-methionine: protein O-methyltransferase	49 (1974) 145
Adenylate cyclase	49 (1974), 92; 50 (1975) 61
activation in the early phase of germination	47 (1974) 330
effect of calcium	42 (1974) 267
effect of gonadotrophins	41 (1974) 345
interaction with sulfur-containing analogues of ATP	41 (1974) 199
Adenylate energy charge, metabolic oscillation	43 (1974) 327
ADP	
interaction with actin	44 (1974) 209
metabolic oscillation	43 (1974) 327
transport	41 (1974) 118; 46 (1974) 118; 50 (1975) 75
ADP/ATP transport in mitochondria	45 (1974) 320
ADP glucose pyrophosphorylase	42 (1974) 205
ADP-manganese binding to phosphoglycerate kinase	41 (1974) 189
ADPR <i>see</i> Adenosine diphosphoribose	
Adrenaline	50 (1975) 57
effect on cyclic AMP release	49 (1974) 65
release by ionophore X-537 A	47 (1974) 117
Adrenal membrane	
iron-sulfur protein	47 (1974) 113
β -Adrenergic receptors	50 (1975) 61
Adrenodoxin	47 (1974) 113
Affinity chromatography	

binding of proteins to Sepharose 4B	43 (1974) 264
elimination of non-specific adsorption effects	43 (1974) 169
of ADP glucose pyrophosphorylase	42 (1974) 205
of <i>N</i> -acetyl β -D-hexosaminidase	50 (1975) 66
of β -amylase	47 (1974) 86
of estrogen receptor	46 (1974) 321
of α_1 -foetoprotein	41 (1974) 21
of α -L-fucosidase	45 (1974) 191
of hexosaminidase	45 (1974) 276
of histone–histone interactions	47 (1974) 125
of histone kinase	49 (1974) 61
of lactate dehydrogenase	43 (1974) 163
of lectins	44 (1974) 286
of phenylalanine hydroxylase	44 (1974) 290
of plasma lipoproteins	41 (1974) 174
of 'RNA-binding' proteins	46 (1974) 255
'RNA-binding' proteins	46 (1974) 255
of Soybean agglutinin	50 (1975) 362
of synaptic vesicle membrane glycoproteins	47 (1974) 276
purification of ribosomes	41 (1974) 69
use of AMP analogues	42 (1974) 355
Affinity labelling by nitro- and azidophenylalanine	46 (1974) 347
Affinity labelling of RNA polymerase	44 (1974) 157
Alanine	
effect on pyruvate kinase	50 (1975) 346
role in gluconeogenesis	48 (1974) 310
Alaninyl tRNA	50 (1975) 28
Albumin	
binding of Triton X-100	42 (1974) 36
binding to 1-anilino-8-naphthalene sulfonate	43 (1974) 293
chemical relaxation study	41 (1974) 43
effect of free fatty acids on respiratory chain	46 (1974) 39
synthesis by isolated rat liver cells	46 (1974) 127
Albumin–bilirubin complexes	
effect of propanol	41 (1974) 143
Albumin-bound fatty acids	
effect on fatty acid and cholesterol biosynthesis	45 (1974) 282
Alcohol dehydrogenase	44 (1974) 200; 46 (1974) 78; 46 (1974) 83
binding of $\text{Pt}(\text{CN})_4^{2-}$, AMP and adenosine	43 (1974) 289
dextran–NAD as active coenzyme	46 (1974) 119
peroxidase activity	50 (1975) 324
Aldolase C	48 (1974) 76
Aldolase	
effect of oxygen tension on synthesis	45 (1974) 68
Aldosterone	
binding proteins	42 (1974) 65
radioimmuno assay	48 (1974) 230
Aliphatic anhydrides	
activation of phospholipase A_2	49 (1975) 287
Allergic reaction	
prevention by protein entrapment in liposomes	45 (1974) 71
Allophycocyanin II	48 (1974) 209
Allosteric regulation of phosphofructokinase	43 (1974) 17
Allylisopropylacetamide	41 (1974) 192
Alkaline phosphatase	48 (1974) 293; 49 (1974) 78
stability in SDS	44 (1974) 79
Alkaloid metabolism in <i>P. cyclopium</i>	50 (1975) 17

α -Amanitin	
interaction with actin	44 (1974) 340
Amine	
uncoupling of photophosphorylation	50 (1975) 98
Amino acid acyl derivatives	49 (1974) 125
D-Amino acid aminotransferase	46 (1974) 359
Amino acid	41 (1974) 161
effect on RNA polymerase	
sequence analysis	
acid-amide distinction	50 (1975) 155
on solid phase	50 (1975) 159
transport	50 (1975) 121
uptake in synaptosomes	48 (1974) 176
Amino acyl-tRNA	
coupling to cellulose	43 (1974) 112
Aminoacyl-tRNA synthetases	49 (1974) 380
inhibition by acyl derivatives of amino acids	49 (1974) 125
photoinduced modification	49 (1974) 159
<i>N</i> ⁶ - ω -Aminoalkyl AMP derivatives	
use in affinity chromatography	42 (1974) 355
<i>p</i> -Aminobenzamidine-poly (ethylene glycol)	
effect on trypsin	42 (1974) 214; 42 (1974) 218
γ -Aminobutyrate transaminase (GABA-T)	47 (1974) 199
4-Amino-4,6-dideoxy-D-mannose	50 (1975) 147
<i>N</i> ⁶ -(6-Aminohexyl)adenosine-5'-monophosphate	
effect on glycogen phosphorylase b	42 (1974) 200
δ -Aminolevulinate synthetase	41 (1974) 192
Aminophylline	
effect on in vitro polypeptide synthesis	45 (1974) 132
Ammonium	
uncoupling of photophosphorylation	50 (1975) 98
AMP-analogues	
effect on glycogen phosphorylase b	42 (1974) 200
use in affinity chromatography	42 (1974) 355
AMP	
binding to alcohol dehydrogenase	43 (1974) 289
--copper	
NMR and X-ray study	41 (1974) 243
deaminase	44 (1974) 63
derivatives	
NMR study	41 (1974) 253
effect on phosphofructokinase	46 (1974) 337
metabolic oscillation	43 (1974) 327
Amylase	
activity after DTNB blocking	50 (1975) 276
affinity chromatography	47 (1974) 86
effect of catecholamine analogues upon secretion of <i>Bacillus polymyxa</i>	47 (1974) 218
of <i>Bacillus polymyxa</i>	46 (1974) 1
Androstane	48 (1974) 7
Angiotensin	
conformational change of muscle membrane	47 (1974) 193
Aniline	
conversion to pyrocatechol	50 (1975) 288
Aniline hydroxylase	43 (1974) 323
1-Anilino-8-naphthalene sulfonate (ANS)	41 (1974) 1
binding to albumin	43 (1974) 293
binding to plasma membranes	49 (1974) 346

Anion transport	
effect of membrane orientation	42 (1974) 271
inhibition by avenaciolide	46 (1974) 138
in mitochondria	46 (1974) 184
role of ligandine	45 (1974) 6
Ansamycin	49 (1974) 233
Antamanide	
interaction with actin	44 (1974) 340
12-(9-Anthroyl)-stearic acid	
as fluorescence probe for energetic state	45 (1974) 186
Antibodies	
against isopentenyladenosine	43 (1974) 195
X-ray study	44 (1974) 194
Antibody	
<i>see also</i> Immunoglobulin	
Antibody–enzyme conjugates	
use in immunoassay	43 (1974) 215
Antidiuretic specificity	
of arginine vasopressin	44 (1974) 229
Antigens HL-A from urine	45 (1974) 308
Antiserum against collagen	41 (1974) 248
Antitumour drugs	44 (1974) 160
Apolipoprotein	49 (1974) 269
Apo-membrane from <i>Halobacterium halobium</i>	44 (1974) 257; 44 (1974) 262
Apurinic acid	
inhibition of DNA synthesis	41 (1974) 256
Arachidic acid	43 (1974) 1
Arginine vasopressin analogues	44 (1974) 229
Aromatic amino acids	
NMR study	50 (1975) 265
Aryl hydrocarbon hydroxylase	
effect of chrysene and CCl ₄	42 (1974) 46
induction by BCPs	50 (1975) 172
Ascorbate oxidase	
role of copper	42 (1974) 241
Ascorbic acid	
effect on aspartate aminotransferase	44 (1974) 31
Asparagine	
distinction from aspartic acid in sequence analysis	50 (1975) 155
metabolism in the bovine lens	50 (1975) 236
L-Asparaginase	
radioactive labelling	42 (1974) 86
Asparaginase	
state of amino groups	50 (1975) 70
Aspartate	
micro-assay	47 (1974) 295
Aspartate aminotransferase	41 (1974) 131; 49 (1974) 25
effect of L-ascorbic acid	44 (1974) 31
immobilization on Sepharose	47 (1974) 295
Aspartate transcarbamylase	
subunit interactions	44 (1974) 178
Aspartic acid	
distinction from asparagine in sequence analysis	50 (1975) 155
metabolism in the bovine lens	50 (1975) 236
Aspartic semialdehyde dehydrogenase	43 (1974) 67
Aspartokinase	
effect on meso-diamino pimelic decarboxylase	43 (1974) 67

FEBS LETTERS

Aspartokinase I-homoserine dehydrogenase	45 (1974) 318
Astroblasts	
composition of gangliosides	50 (1975) 144
Atebrin	
as fluorescence probe for energetic state	45 (1974) 186
ATP	
and 2,3-diphosphoglycerate synthesis	49 (1974) 33
- γ -anilidate	
substrate of RNA-polymerase	49 (1974) 163
- γ -p-azidoanilide	
photo induced modification of phenylalanyl + RNA synthetase	49 (1974) 159
complex with zinc and tryptophan	47 (1974) 122
determination of specific radioactivity	47 (1974) 307
effect on meromyosin	45 (1974) 55
extracellular synthesis by mammalian cells	46 (1974) 251
formation in electron donor system for photosystem II	43 (1974) 231
interaction with actin	44 (1974) 209
interaction with NADH-dehydrogenase	47 (1974) 241
interaction with nickel	45 (1974) 184
-lanthanum	
binding to phosphoglycerate kinase	48 (1974) 60
-magnesium	
effect on phosphorylase phosphatase	48 (1975) 184
metabolic oscillation	43 (1974) 327
of chromaffin granules	44 (1974) 217
role in aminoacyl tRNA synthesis	43 (1974) 135
transport	
effect of calcium	41 (1974) 118
ATP analogues	
containing sulphur	
interaction with adenylate cyclase	41 (1974) 199
interaction with actin	44 (1974) 209
ATP <i>see also</i> 1,N ⁶ -Etheno-ATP (ϵ -ATP) N ⁶ (Δ^2 -Isopentenyl) ATP	
ATPase <i>see</i> Adenosine triphosphatase	
Atractylate	45 (1974) 320
Atractyloside	49 (1975) 314
binding protein	46 (1974) 149
effect on adenine nucleotide translocase	48 (1974) 250
Aurintricarboxylic acid	42 (1974) 314; 46 (1974) 326
Avenaciolide	
inhibition of anion transport	46 (1974) 138
Axoplasm	
concentration of ionized magnesium	50 (1975) 82
Axoplasmic transport	47 (1974) 272
Azidophenylalanine	
photoaffinity labelling	46 (1974) 347
Bacitracin A	
amide-hydrogen exchange	49 (1974) 115
Bacitracin	
biosynthesis by fraction from <i>Bacillus licheniformis</i>	44 (1974) 75
synthetase	50 (1975) 43
Bacteriochlorophyll <i>a</i>	
from <i>Chlorobium limicola</i>	42 (1974) 275
Bacteriochlorophyll	
effect of magnetic field	50 (1975) 257
from <i>Rhodospseudomonas spheroides</i>	44 (1974) 169

-P430	42 (1974) 141
-P-840 of <i>Chlorobium limicola</i>	42 (1974) 275
reaction center complexes	
electron transport	50 (1975) 219
Bacteriophage	
fd gene-5 protein	46 (1974) 115
MS 2 RNA of defective particles	43 (1974) 89
Q β RNA interaction with host factor I	43 (1974) 20
Φ 29 neck appendage protein	44 (1974) 317
T ₄ cold-sensitive mutants	44 (1974) 173
T ₄ DNA denaturation by gene 32-protein	47 (1974) 338
T ₄ RNA ligase	46 (1974) 271
T ₇ DNA	50 (1975) 13
T ₇ DNA binding sites of RNA polymerase	45 (1974) 64
T ₇ DNA, RNA polymerase initiation site	50 (1975) 214
Bacteriorhodopsin	
light-dependent charge transfer	50 (1975) 223
light-dependent reaction with hydroxylamine	44 (1974) 257
reconstitution	44 (1974) 262
Barium	
effect on growth hormone release	46 (1974) 171
Base-pair specificity in liquid chromatography	41 (1974) 203
Beauveicin	44 (1974) 1; 50 (1975) 245
Bence-Jones protein Rei	48 (1974) 235
Benz(a)anthracene	43 (1974) 341; 47 (1974) 34
Benzo(a)pyrene	43 (1974) 341
Benzo(a)pyrene hydroxylase	50 (1975) 175
Benzoic acid	
conjugation to glycine	46 (1974) 134
N ⁶ -Benzyladenine	46 (1974) 45
Bilayer membrane <i>see</i> lipid bilayer membrane	
Bilayer phospholipid vesicles	
NMR-study	46 (1974) 55
Bile acids	
identification by PMR spectroscopy	41 (1974) 223
Bile salts	
effect on lipase	49 (1975) 334
Bilirubin-albumin complexes	
effect of propanol	41 (1974) 143
Biogenic amines	
methylation	47 (1974) 299
Bis-DEAE-fluorenone <i>see</i> Tilorone	
2,7-Bis[2-(diethylamino) ethoxy]-fluoren-9-one <i>see</i> Tilorone	
Bis-4-nitrophenyl-phosphate	49 (1975) 292
Bongkreikic acid	49 (1975) 314
Brain protein	50 (1975) 5
-14-3-2	49 (1974) 264
-C ₁	49 (1974) 264
-D ₁ , D ₂ and D ₃	49 (1974) 264
-S-100	49 (1974) 264
Bromelain active center	50 (1975) 365
N-Bromoacetylpuromycin	
affinity labelling of ribosomal proteins	47 (1974) 167
Brush border membranes	
phosphorylation and dephosphorylation	50 (1975) 121
Brush border protein	
metabolism	41 (1974) 139

α -Bungarotoxin	48 (1974) 26; 48 (1974) 130
interaction with acetylcholin esterase	46 (1974) 218
Butyrate	
inhibition of lipolysis	47 (1974) 19
Cadaverine	41 (1974) 99; 46 (1974) 305
Cadmium	
effect on vitamin D activation reaction	42 (1974) 23
Caesium	
effect on fluorescence of tryptophan and tyrosine	47 (1974) 264
Caffeine	
effect on in vitro polypeptide synthesis	45 (1974) 132
Caffeoyl-CoA	
formation of chlorogenic acid	42 (1974) 131
3- <i>O</i> -Caffeoyl-D-quinic acid	42 (1974) 131
Calcium-binding glycoprotein	
in mitochondria	45 (1974) 99
Calcium-binding protein	
of chick and rat intestine	45 (1974) 122
Calcium	
binding in biological systems	41 (1974) 303
binding to NADH dehydrogenase	48 (1974) 41
binding to peptides	46 (1974) 192
effect	
of calcitonin	48 (1974) 68
of ionophore A 23187	49 (1975) 400
on adenylate cyclase	42 (1974) 267
on ADP and ATP transport	41 (1974) 118
on aminoacylation of tRNA	41 (1974) 185
on neuraminidase	50 (1975) 269
on oxidative phosphorylation	42 (1974) 57
on phosphodiesterase	49 (1975) 356
on phospholipase C	45 (1974) 55
on phospholipid synthesis	49 (1975) 361
on protein activator of cyclic nucleotide phosphodiesterase	50 (1975) 374
on protein secretion, phospholipid metabolism and glycogen	43 (1974) 241
on proton transport in mitochondria	42 (1974) 54
on tension of insect muscle	42 (1974) 50
metabolism of thyroid cells	49 (1974) 96
role in phagocytosis	48 (1974) 37
transport	
by ionophore X-537A	47 (1974) 117
effect on ionophore A23187	46 (1974) 343
in human erythrocytes	50 (1975) 135
in isolated liver cells	43 (1974) 75
in mitochondria	43 (1974) 349; 46 (1974) 109
involvement of Mg-ATPase	47 (1974) 76
in spinach chloroplasts	50 (1975) 245
protein	50 (1975) 261
protein, defined lipid environment	41 (1974) 122
Calciferols	
effect on melanogenesis	42 (1974) 32
Calcitocin analogues	48 (1974) 68
Calorimetry <i>see</i> Thermal phase transition Microcalorimetry	
Camphor	48 (1974) 7
CDP-diglyceride	49 (1974) 223
Carbachol	43 (1974) 241; 46 (1974) 354

Carbamylcholine	
effect on sodium transport	44 (1974) 213
Carbamyl phosphate	
reaction with acyl phosphatase	42 (1974) 246
Carbohydrate-binding proteins from plant cell walls	45 (1974) 304
Carbohydrate composition of submitochondrial fractions	47 (1974) 225
Carbonic anhydrase B	48 (1974) 167
Carbonic anhydrase--aromatic sulfonamide complexes	48 (1974) 283
Carbon monoxide	
binding to cytochrome <i>c</i> oxidase	48 (1974) 45
cytochrome <i>c</i>	49 (1974) 78
effect on methane-utilizing bacteria	41 (1974) 94
Carbon tetrachloride	
effect on mono-oxygenase and UDP-glucuronosyltransferase	42 (1974) 46
Carbonyl cyanide <i>m</i> -chlorophenylhydrazine (CCCP)	49 (1974) 106
Carboxy-atractylate	45 (1974) 320
Carboxylesterase	49 (1975) 292
Carboxypeptidase A	46 (1974) 162
Carboxypeptidase-like activity of acetylornithinase	43 (1974) 285
Carnitine acetyltransferase	43 (1974) 297
Carotenoid bandshifts in photosynthesis	48 (1974) 136
Carotenoid from <i>Rhodopseudomonas spheroides</i>	44 (1974) 169
β -Casein phosphorylation	45 (1974) 3
Catabolite repressible proteins, relation with 3',5'-cyclic AMP	46 (1974) 281
Catabolite repression of acetohydroxy acid synthetase	43 (1974) 64
Catalase	49 (1974) 29
induction by methanol	41 (1974) 283
Catecholamine	
analogues, effect on amylase secretion	47 (1974) 218
release by ionophore X-537A	47 (1974) 117
transport	50 (1975) 21
Catecholamines	
binding to plasma membranes	50 (1975) 61
of chromaffin granules	44 (1974) 217
Cations	
effect on peptide bond	10 (1974) 18
interaction with peptides	46 (1974) 192
transport	
affinity to ligands in ionophores	41 (1974) 78
effect of membrane orientation	42 (1974) 271
Calcium-dependent potassium transport	44 (1974) 213
Celesticetin	45 (1974) 218
Cell analyzer and separator	44 (1974) 247
Cell division	
effect of 3',5'-cyclic AMP	46 (1974) 42
Cell-free system	
effect of methylxanthines	45 (1974) 132
role of leucyl-tRNAs	43 (1974) 199
role of tRNA	49 (1974) 376
synthesis of lactogenic hormone	45 (1974) 104
synthesis of vesicular stomatitis virus proteins	50 (1975) 369
Cell membranes	
effect of 2-phenylethanol, 1,1-dimethylphenylethanol, periodate and succinic anhydride	42 (1974) 18
Cell replication	
effect of polyamines	50 (1975) 1
Centrifugation <i>see</i> Active enzyme centrifugation, Isopycnic centrifugation, Sedimentation velocity centrifugation, Zonal ultracentrifugation	

FEBS LETTERS

Cerebral cortex membrane	
protein phosphorylation	45 (1974) 237
Cerebrospinal fluid	
analysis of polyamines	46 (1974) 305
μ -Chain disease protein	47 (1974) 264
Charge transfer <i>see</i> Electron transport, Proton transport	
Chemotaxis	
role of cyclic AMP	45 (1974) 44
Chloramphenicol	45 (1974) 218
Chloride	
role in the autoxidation of hemoglobin	43 (1974) 33
Chlorogenic acid	42 (1974) 131
<i>p</i> -Chloromercuribenzoate	
dissociation of protein kinase	48 (1974) 238
Chlorophyll- a_1	47 (1974) 229
Chlorophyll- a	
fast and large reaction component	42 (1974) 81
Chlorophyll	
biosynthesis, conversion from magnesium 2,4-divinylphaeoporphyrin	50 (1975) 355
cation-radicals	48 (1974) 149
synthesis in vitro	49 (1974) 196
temperature dependence of fluorescence	42 (1974) 61
triplet states	45 (1974) 290
Chloroplast	
3',5'-Cyclic AMP binding protein	49 (1974) 254
developmental changes of carboxylase activities	46 (1974) 233
envelope polypeptides	47 (1974) 255
fluorescence probes for 'energy state'	45 (1974) 186
light-dependent ethylene production	45 (1974) 18
low temperature reactions	47 (1974) 140
-membranes	
carotenoid bandshifts	48 (1974) 136
coupling of electrical events	42 (1974) 236
protein composition	49 (1974) 152
proton transport	41 (1974) 35
polypeptides	49 (1975) 372
nucleic acids, hybridization with mitochondrial nucleic acids	42 (1974) 262
thylakoid, localization of water-photolysis system	42 (1974) 165
Chloroplasts	
delayed fluorescence after uncoupling	42 (1974) 289
effect of ionophore A23187 on photophosphorylation	46 (1974) 343
effect of magnesium on electron transport	45 (1974) 286
effect of magnetic field	50 (1975) 257
emission spectra of luminescence	43 (1974) 293
glyceraldehyde 3-phosphate dehydrogenase	42 (1974) 285
photochemical activity after diazonium-1,2,4-triazole	47 (1974) 26
photoreduction of plastoquinone	47 (1974) 143
reconstitution of grana thylakoid	42 (1974) 135
uncoupling of photophosphorylation	50 (1975) 98
Cholecalciferol	
effect on melanogenesis	42 (1974) 32
Cholera toxin	
antigenic, receptor-binding and toxic sites	44 (1974) 282
Cholesterol	
biosynthesis	
effect of albumin-bound fatty acids	45 (1974) 282
correlation to phospholipid content in membranes	47 (1974) 81

- in developing rat brain 45 (1974) 122
- movement in lipid bilayers 42 (1974) 108
- synthesis of pregnenolone 50 (1975) 204
- Chondroitin sulfate 49 (1975) 342
- Chorionic gonadotropin (hCG) 47 (1974) 146; 50 (1975) 272
 - conformation study 45 (1974) 166
 - immunoassay 43 (1974) 215
- Christmas factor, *see* Factor IX
- Chromaffin
 - granule membrane 50 (1975) 21
 - granules of the adrenal medulla 44 (1974) 217
 - vesicles, effect of ionophore X-537A on catecholamine release 47 (1974) 117
- Chromatin
 - effect of heparin 42 (1974) 149
 - removal of fl-histone 44 (1974) 146
 - subunit structure 48 (1974) 156
- Chromatography, *see* Affinity chromatography, Covalent chromatography, DEAE-cellulose chromatography, Hydrophobic chromatography, Liquid chromatography, etc.
- Chromatophores
 - acid-base phosphorylation 43 (1974) 267
 - proton transport and membrane potential 49 (1974) 174
 - proton transport and phosphorylation 49 (1974) 203
 - of *Chlorobium limicola* 42 (1974) 275
 - of *Rhodopseudomonas spheroides* 45 (1974) 344
 - of *Rhodospirillum rubrum* 42 (1974) 141
- Chromophore-free membranes from *Halobacterium halobium* 44 (1974) 257; 44 (1974) 262
- Chromosomal proteins
 - effect of X-ray irradiation 48 (1974) 160
- Chromosomal proteins *see also* Non-histone chromosomal protein
- Chrysene 42 (1974) 46
- Chymotrypsin 49 (1974) 280; 50 (1975) 47
 - conformation study 50 (1975) 339
 - hydrolysis of matrix-bound substrate 43 (1974) 281
 - inhibition of α -crystallin 48 (1974) 72
 - of the hornet 48 (1974) 53
- Chymotryptic inhibitor I from potato tubers 45 (1974) 11
- Circular dichroism (CD),
 - effect of phospholipid on conformation of LH 45 (1974) 175
 - of acetylcholine receptor 45 (1974) 145
 - of apolipoprotein 49 (1974) 269
 - of aspartate amino transferase 41 (1974) 131
 - of bilirubin–albumin complexes 41 (1974) 143
 - of chorionic gonadotropin 45 (1974) 166
 - of daunorubicin 46 (1974) 5
 - of ψ -DNA 49 (1974) 37
 - of iron-sulfur protein of mono-oxygenase system 43 (1974) 53
 - of mitrosyl hemoglobin 49 (1974) 84
 - of phospholipases A 44 (1974) 182
- Citrate synthase 43 (1974) 97
- Citrulline synthesis
 - regulation by fatty acids 47 (1974) 60
- Clearing factor lipase
 - hormonal control 45 (1974) 271
- Clearing factor, *see also* Lipoprotein lipase, Post-heparin lipolytic activity
- Clofibrate
 - effect on acetyltransferase 43 (1974) 297

FEBS LETTERS

Cobalt	
binding to lysozyme	49 (1974) 178
interaction with myosin	47 (1974) 7
Coenzyme A derivatives	
effect on PEP carboxylase	48 (1974) 145
Coenzyme A	
NMR study	43 (1974) 271
Colchicine	47 (1974) 272
effect of tropolon on binding to tubulin	42 (1974) 112
effect on alkaline phosphatase	48 (1974) 273
suppression of lactation	48 (1974) 85
Cold-sensitive mutant lysozyme	44 (1974) 173
Colicin E1	
regulation of synthesis	47 (1974) 356
Colipase	
effect on pancreatic lipase	49 (1975) 334
Collagen	
age-related changes	43 (1974) 300
from dermatosparactic calves	41 (1974) 269
hyperimmune antisera	41 (1974) 248
polymorphism	42 (1974) 192
synthesis in tendon cells	49 (1974) 70
type III	49 (1975) 365
Colostrum proline-rich polypeptide	49 (1974) 276
Complementary DNA from immunoglobulin mRNA	42 (1974) 323
Complement C1s	50 (1975) 330
Complement of human plasma, complex of subcomponents	41 (1974) 280
Concanavalin A	
binding of acetylcholinesterase	47 (1974) 260
binding to nuclear membrane	42 (1974) 209
binding to plasma membranes and endomembranes	44 (1974) 274
effect on leukocyte metabolism	42 (1974) 90
effect on phagocytosis by macrophages	46 (1974) 208
receptor sites in liver cells	47 (1974) 11
use in affinity chromatography	47 (1974) 276
use in affinity chromatography of lipoprotein B	41 (1974) 174
vacuolation in mouse peritoneal macrophages	46 (1974) 203
Concanavalin A-Sepharose	
binding of glycoproteins	42 (1974) 27
Conformation	49 (1975) 325
of enzyme active site	49 (1975) 325
of hemoglobin	49 (1974) 246
of phospholipids	44 (1974) 266
of plasma membranes	47 (1974) 193
of 30S ribosomal subunits	47 (1974) 268
Conjugation of phenol, benzoic acid, 1-naphthylacetic acid and sulphamethoxine	46 (1974) 134
Copper-AMP	
NMR and X-ray study	41 (1974) 243
Copper-chelates	
reaction with superoxide dismutase	47 (1974) 72
Copper	
effect on neuraminidase	50 (1975) 269
in ascorbate oxidase	42 (1974) 241
in cytochrome c oxidase	48 (1974) 45
in dopamine β -hydroxylase	49 (1974) 49
Copper-thionein	
conversion from metallothionein	44 (1974) 293
Cortexone	48 (1974) 7

Cortisone	
effect on transcription	47 (1974) 39
Covalent-coupling chromatography	
purification of amino acyl-tRNA	43 (1974) 112
Covalent chromatography	
of mercaptalbumin	42 (1974) 183
Cowpea chlorotic mottle virus proteins	45 (1974) 50
Cumene hydroperoxide-supported hydroxylation of fatty acids	50 (1975) 378
Creatine	
kinase, inhibition by creatinine phosphate	46 (1974) 87
phosphate, effect on phosphofructokinase	46 (1974) 337
phosphate, inhibition of creatine kinase	46 (1974) 87
Creatine phosphokinase <i>see</i> Creatine kinase	
α -Crystallin	48 (1974) 72
Cyanide	
reaction with cytochrome <i>d</i>	50 (1975) 111
α -Cyanocinnamate	44 (1974) 348
Cyanoplatinite	43 (1974) 289
3',5'-Cyclic AMP	49 (1974) 228
-analogue	
effect on dopamine- β -hydroxylase	42 (1974) 221
binding protein	
in <i>Euglena gracilis</i>	49 (1974) 254
in Jerusalem artichoke rhizome	49 (1974) 249
catabolism	49 (1975) 356
control of uracil transport	45 (1974) 155
-dependent protein kinase	48 (1974) 238
diesterase in baker's yeast	50 (1975) 283
effect of catecholamine analogues	47 (1974) 218
effect of hormones in placenta	47 (1974) 146
effect of probenecid on secretion	41 (1974) 156
effect of prostaglandins	49 (1974) 260
effect of somatostatin	46 (1974) 171
effect of vasopressin	47 (1974) 128
effect on branched chain amino acids	43 (1974) 64
effects of acetylcholine, prostaglandins and TSH	46 (1974) 289
in <i>Drosophila</i>	46 (1974) 293
in spherocytosis erythrocytes	48 (1974) 133
intracellular distribution	49 (1974) 92
isolation of histone kinase	49 (1974) 61
phosphodiesterase	45 (1974) 47; 49 (1974) 92
phosphorylation of cerebral cortex membrane proteins	45 (1974) 237
relation with cell division	46 (1974) 42
relation with synthesis of catabolite repressible proteins	46 (1974) 281
release from rat adipose tissue	49 (1974) 65
role in chemotaxis	45 (1974) 44
role in germination	47 (1974) 330
role in pancreatic secretion	43 (1974) 139
role in rat mammary tissue	46 (1974) 180
role in steroidogenesis	45 (1974) 107
3',5'-Cyclic AMP, <i>see also</i> Dibutyryl 3',5'-Cyclic AMP	
3',5'-Cyclic GMP	49 (1974) 228
effect of catecholamine analogues	47 (1974) 218
light-induced changes in retina	49 (1974) 167
phosphodiesterase	49 (1974) 92
role in pancreatic secretion	43 (1974) 139
role in steroidogenesis	45 (1974) 107
Cyclic nucleotide phosphodiesterase	49 (1975) 356; 50 (1975) 374

FEBS LETTERS

Cycloheximide	46 (1974) 326; 49 (1974) 120; 50 (1975) 17
Cycloenin	50 (1975) 17
Cycloenol	50 (1975) 17
β -Cyclopiazonate oxidocyclase	41 (1974) 111
Cysteinylflavin	
thioesters	42 (1974) 1
thiohemiacetals	42 (1974) 1
Cysteinyl-tRNA	46 (1974) 268
Cytochrome <i>a</i> -607	
redox change induced by malate	46 (1974) 263
Cytochrome <i>b</i>	
reduction controlling component	46 (1974) 368
Cytochrome <i>c</i>	
Complex formation with adrenal iron-sulfur protein	47 (1974) 113
conformational changes in water-ethylene glycol solutions	45 (1974) 256
of <i>Cerattis capitata</i>	41 (1974) 315
from <i>Chlorobium limicola</i>	42 (1974) 275
of potato	47 (1974) 212
of marine <i>pseudomonad</i> B-16	49 (1974) 78
Raman spectrometry	50 (1975) 233
Cytochrome <i>C</i> ₂	43 (1974) 131
Cytochrome <i>c</i> -550	
of <i>T. novellus</i>	48 (1974) 253
Cytochrome <i>d</i>	50 (1975) 111
Cytochrome oxidase	47 (1974) 225
charge transfer	50 (1975) 223
nature in respiratory chain	48 (1974) 152
reaction with CO	48 (1974) 45
synthesis in isolated mitochondria	47 (1974) 290
Cytochrome <i>P</i> -450	43 (1974) 323
ω -hydroxylation of <i>n</i> -hexane	41 (1974) 14
induction by BCPs	50 (1975) 172
-linked fatty acid hydroxylation	50 (1975) 378
low temperature study	46 (1974) 75
Cytochrome <i>P</i> -450 _{Rh}	44 (1974) 305
Cytochromes	
of <i>Beneckea natriegens</i>	43 (1974) 239
of methane- and methanol-utilising bacteria	44 (1974) 106
of <i>Rhodopseudomonas spheroides</i>	44 (1974) 169
Cytokinins	
formation of nucleoside-5'-triphosphate	46 (1974) 45
Cytoplasmic mutation of <i>S. cerevisiae</i>	42 (1974) 309
Cytoplasmic protein synthesis	
effect of ethidium bromide	50 (1975) 303
Cytoplasmic ribosomes	
difference from mitochondrial ribosomes	41 (1974) 264
Cytoplasmic RNA methylation	49 (1974) 212
Cytosine arabinoside	
effect on SV40 genome transcription	42 (1974) 124
Cytotoxin from <i>Naja naja oxiana</i>	48 (1974) 179
Dannorubicin	46 (1974) 5
DEAE-cellulose chromatography of lipoproteins	50 (1975) 175
Decamethonium	
binding to proteolipids and phospholipids	42 (1974) 319
24-Dehydrocholesterol in developing rat brain	45 (1974) 122
Dehydroepiandrosterone	49 (1975) 297
Deoxynucleotidyl transferase	50 (1975) 140

Dephosphorylation of renal brush border membranes	50 (1975) 121
Dermatosparaxis	41 (1974) 269
Desmethylphalloin, interaction with actin	44 (1974) 340
Desmosine	43 (1974) 331
Desmosterol in developing rat brain	45 (1974) 122
Desthiophalloidin, interaction with actin	44 (1974) 340
Dexamethasone	48 (1974) 297
Dextran-NAD, co-enzymically active complex	46 (1974) 119
Diabetes, effect on glucokinase	41 (1974) 342
Diamantan	48 (1974) 7
Diamide, effect on mitochondria	42 (1974) 197
Diamidino- α,ω -diphenylcarbamylpoly (ethylene glycol) effect on trypsin	42 (1974) 214; 42 (1974) 218
Diamine analysis by liquid chromatography	41 (1974) 99
Diamine oxidase	41 (1974) 11
3,8-Diamino-6-ethyl-5-methylphenanthridinium bromide	49 (1974) 149
Diazide tartrate derivatives use in protein–protein crosslinking	48 (1974) 288
Diazinedicarboxylic acid bis dimethylamide effect on mitochondria	42 (1974) 197
Diazonium-1,2,4-triazole effect on photosynthesis	47 (1974) 26
Dibromothymoquinone	41 (1974) 115; 47 (1974) 229
Dibutyl 3',5'-cyclic AMP effect on dopamine- β -hydroxylase	42 (1974) 221
effect on tyrosine amino-transferase and phosphoenolpyruvate carboxy kinase	46 (1974) 158
Dicarboxylate transport in mitochondria	48 (1974) 188
3,5-Dichlorosalicylanilides	49 (1975) 338
Dicloxacillin inhibition of penicillinase	43 (1974) 49
Diethylnitrosamine, effect on non-histone chromosomal protein synthesis	41 (1974) 8
Differentiation of muscle cells, phosphorylation of nuclear proteins	42 (1974) 257
Digitoxin-binding protein from brain membranes	45 (1974) 150
8,9-Dihydro-8,9-dihydroxybenz(a)anthracene 10,11-oxide	47 (1974) 30; 47 (1974) 34
13,14-Dihydro-15-keto-prostaglandin E ₂	43 (1974) 45
Dihydrolipoamide	43 (1974) 101
Dihydrostreptomycin	49 (1975) 317; 50 (1975) 37
Dihydrotestosterone binding protein in serum	44 (1974) 34
1,1-Dimethylphenylethanol effect on erythrocyte membranes	42 (1974) 116
effect on yeast cell membranes	42 (1974) 18
Dimethyltubocuravine binding to cerebral proteolipids	41 (1974) 151
binding to proteolipids and phospholipids	42 (1974) 319
Dipalmitoyl lecithin	46 (1974) 55
2,3-Diphosphoglycerate in haemoglobin-free erythrocyte ghosts	49 (1974) 33
in hemoglobin Hope β 136	47 (1974) 47
Diphosphatidylglycerol	43 (1974) 257
Diphtheria toxoid	45 (1974) 71
5,5'-Dithiobis-(2-nitrobenzoic acid)	50 (1975) 276
Dithioerythritol, effect on mitochondria	42 (1974) 197
DNA binding proteins from <i>B. subtilis</i>	44 (1974) 94
of estrogen receptor	50 (1975) 319
of non-histone chromosomal proteins	50 (1975) 253
comparison of chloroplasts and mitochondria from <i>Euglena gracilis</i>	42 (1974) 262
-cytosine methylase	49 (1974) 57
-dependent DNA polymerase <i>see</i> DNA polymerase	

FEBS LETTERS

-dependent RNA polymerase <i>see</i> RNA polymerase	
effect of	
benz(a) anthracene	47 (1974) 34
tilorone and derivatives	41 (1974) 169
fluorescent complex with quinacrine	46 (1974) 239
heterogeneity of non-repetitive species	47 (1974) 323
labelling with [5- ³ H]uridine	50 (1975) 32
methylation in vitro	49 (1974) 57
organization and repair	44 (1974) 153
photoreactivation	50 (1975) 125
-polymerase	49 (1974) 149; 50 (1975) 140
-polymerase, effect of RNA polymerase	45 (1974) 33
-polymerase III, mechanism of post-replication repair	43 (1974) 185
-polymerase of Friend virions	43 (1974) 37
-polymerases from <i>Acinetobacter calcoaceticus</i>	43 (1974) 180
repair, role of DNA polymerase III	43 (1974) 185
structure of initiation region	46 (1974) 357
synthesis	
effect of rhodium complexes	43 (1974) 13
effect of X-ray irradiation	44 (1974) 127
inhibition by apurinic acid	41 (1974) 256
ψ-DNA	
circular dichroism study	49 (1974) 37
DNA <i>see also</i> Bacteriophage DNA, Complementary DNA, Mitochondrial DNA, Repetitive DNA	
Dopamine	
effect on neuropeptide synthesis	47 (1974) 185
Dopamine β-hydroxylase	49 (1974) 49
effect of dibutyryl-cAMP	42 (1974) 221
Edman degradation, microsequence analysis of proteins	41 (1974) 62
Elastase	50 (1975) 243; 50 (1975) 359
Elastin	
cross-linked peptides	43 (1974) 331
immunoassay	47 (1974) 222
Electrophoresis <i>see</i> Micro-electrophoresis, Polyacrylamide gel electrophoresis	
Electron donor systems for photosystem II	43 (1974) 231
Electron microprobe analysis of K and Na in red blood cells	41 (1974) 81
Electron microscopy, of RNA polymerase binding sites	45 (1974) 64
Electron paramagnetic resonance (EPR)	
of ascorbate oxidase	42 (1974) 241
of deuteriochlorophyll	48 (1974) 149
of iron-sulphur proteins	49 (1974) 111
of lipid phase transitions	45 (1974) 96
of membrane lipids	43 (1974) 1
of phosphorylase b	42 (1974) 296
Electron spin resonance (ESR)	
of ATPase and ATPase-inhibitor	47 (1974) 236
of conformation of plasma membranes	47 (1974) 193
Electron transport	
acceptor specific inhibition	49 (1975) 350
between water and octane	50 (1975) 223
effect of ionophore A23187	46 (1974) 343
effect of magnesium	45 (1974) 286
in bacteriochlorophyll reaction center complexes	50 (1975) 219
inhibition by dibromothymoquinone	41 (1974) 115
in mitochondria, inhibition by funiculosin	50 (1975) 279
Elongation factor	42 (1974) 42
effect on peptidyl transferase	44 (1974) 324

removal from ribosomes	43 (1974) 223
Elongation rate of protein in yeast	46 (1974) 11
Endoplasmic reticulum membranes binding of concanavalin A	44 (1974) 274
Enniatins	44 (1974) 1
Enolase, effect of magnesium	44 (1974) 298
Enthalpy of glucose binding to red blood cell membranes	48 (1974) 196
Enzyme active sites, conformational study	49 (1975) 325
Enzyme kinetics	
at lipid–protein monolayer	49 (1975) 329
linear plot of Michaelis-Menten parameters	44 (1974) 240
pseudo-Michaelian and flip-flop type mechanisms	49 (1974) 5
Enzymes, purification by hydrophobic chromatography	50 (1975) 130
Enzymes of micro-organisms	48 (1974) 7
Epidermolytic toxin, isoelectric focusing	46 (1974) 92
Epinephrine, <i>see</i> Adrenalin	
Epoxide hydrase	43 (1974) 341
Epoxyfarnesol	48 (1974) 7
Ergocalciferol, effect on melanogenesis	42 (1974) 32
Erythrocyuprein	44 (1974) 97
Erythrocyte membranes	
appearance of protein during ageing	47 (1974) 252
binding of glucose	48 (1975) 196
effect of periodate, succinic anhydride 2-phenylethanol and 1,1-dimethyl phenylethanol	42 (1974) 116
phosphorylation defect	48 (1974) 133
Erythrocytes, fusion by immunological adjuvants	41 (1974) 206
Erythromycin, effect on ATPase and GTPase	42 (1974) 42
Esterase of <i>E. coli</i> , hydrolysis of acetylphenylalanyl naphthylester	43 (1974) 313
17 β -Estradiol binding protein in serum	44 (1974) 34
Estrogen receptor	43 (1974) 107; 46 (1974) 321; 50 (1975) 319
Ethanolamine incorporation into phospholipids	49 (1975) 361
Ethanol	48 (1974) 7
effect on ATPase and GTPase	42 (1974) 42
β -Ethoxy- α -ketobutyraldehyde	41 (1974) 297
Ethidium bromide	
effect on protein synthesis	50 (1975) 303
inhibition of DNA-polymerase	49 (1974) 149
Ethyl- α - <i>p</i> -chlorophenoxyisobutyrate, <i>see</i> Clofibrate	
Ethyldiamine, activation of hematin catalase	49 (1974) 29
Ethylene, production by isolated chloroplasts	45 (1974) 18
Ethylmorphine <i>N</i> -demethylase, induction by BCPs	50 (1975) 172
Eukaryotes, initiation of protein synthesis	48 (1974) 1
Exo (1 \rightarrow 4)- α -D-glucan maltohydrolase	46 (1974) 1
Factor IX	
activation by factor X	50 (1975) 382
homology with factor X and prothrombin	47 (1974) 132
Factor X	
activation of factor IX	50 (1975) 382
homology with factor IX and prothrombin	47 (1974) 132
FAD	
derivatives	42 (1974) 1
fluorescence study	44 (1974) 67
Fasting, effect on glucokinase	41 (1974) 342
Fatty acid	
activation of phospholipase A ₂	49 (1975) 287
biosynthesis, effect of albumin-bound fatty acids	45 (1974) 282
effect on cation transport	44 (1974) 25

FEBS LETTERS

- ω -hydroxylase of microsomes	50 (1975) 378
regulation of phosphoenolpyruvate and citrulline synthesis	47 (1974) 60
synthetase, search for phosphorylation	44 (1974) 55
Fatty acids, <i>see also</i> Free fatty acids	
Fatty acyl-CoA, effect on cation transport	44 (1974) 25
Fatty acyl CoA, <i>see also</i> Palmityl CoA, Stearyl CoA	
Feuchone	48 (1974) 7
Ferredoxin-linked electron transport	
effect of magnesium	45 (1974) 286
Ferretin	44 (1974) 302; 47 (1974) 314
Ferrous dicarboxy methylmethionyl-cytochrome c	50 (1975) 233
Fibrinogen, bovine	47 (1974) 177
Fibroblast plasma membrane proteins	47 (1974) 107
Fibroblast 3T3 cells, NAD levels	47 (1974) 23
Fibroin	
biosynthesis	49 (1974) 380
initiator amino acid of biosynthesis	47 (1974) 318
Ficin active center	50 (1975) 365
Flagyl-NAD(P)	42 (1974) 231
Flagyl, reaction with NADH	42 (1974) 105
Flavin adenine dinucleotide, <i>see</i> FAD	
Flavin	
derivatives	42 (1972) 1
peptide of β -cyclopiazonate oxidocyclase	41 (1974) 111
Flavones, action of peroxidase	41 (1974) 50
'Flip-flop' reaction in lipid bilayer	42 (1974) 108
'Flip-flop' reaction mechanisms	49 (1974) 5
Fluorescamine	50 (1975) 70
Fluorescence	
of delayed type in uncoupled chloroplasts	42 (1974) 289
spectrometry	
of FAD	44 (1974) 67
of ribosomal proteins	50 (1975) 250
Fluorometry of states of amino groups in protein	50 (1975) 70
Fluoride, effect on protein synthesis	46 (1974) 326
Fluoropyruvate, effect on pyruvate carboxylase	43 (1974) 27
FMN derivatives	42 (1974) 1
α_1 -Foetoprotein, affinity chromatography	41 (1974) 21
Formaldehyde formation from 5-methyltetrahydrofolic acid	47 (1974) 299
Free fatty acids (FFA), slow inhibition of respiratory chain	46 (1974) 39
Fructose 1,6-diphosphatase	42 (1974) 154
Fructose-1,6-diphosphate	49 (1974) 33
Fructose-1,6-diphosphate aldolase <i>see</i> Aldolase	
Fucose	47 (1974) 225
incorporation into glycoprotein	47 (1974) 248
α -L-Fucosidase	45 (1974) 191
Fucosyltransferase	41 (1974) 348; 44 (1974) 309
Fumarate transport in mitochondria	46 (1974) 184
Funiculosin, inhibition of respiratory chain in mitochondria	50 (1975) 279
Fusidic acid	44 (1974) 324; 46 (1974) 326
Galactosamine	47 (1974) 225
binding to CH-Sepharose, use in soybean agglutinin purification	50 (1975) 362
effect on RNA synthesis and microsomal membranes	44 (1974) 141
Galactose	47 (1974) 225
Galactosidase	48 (1974) 226; 50 (1975) 17
Galactosyltransferase	44 (1974) 309; 44 (1974) 311; 46 (1974) 59; 49 (1974) 342

Gangliosides	
of bovine optic nerve	45 (1975) 155
of glial cells	50 (1975) 144
of retina	46 (1974) 200
of sarcoplasmic reticulum	43 (1974) 23
GDP-mannose, incorporation into glycoproteins	46 (1974) 214
Gene	
large scale purification	48 (1974) 96
mutation in barley, effect on wax formation	42 (1974) 187
32-protein, denaturation of T ₄ DNA	47 (1974) 338
-5-protein of bacteriophage fd	46 (1974) 115
Genes, <i>see also</i> Regulatory genes	
Germination, activation of adenylcyclase in the early phase	47 (1974) 330
Gibberillic acid, effect on nuclear RNA of plant protoplasts	44 (1974) 164
Glial cells	
composition of gangliosides	50 (1975) 144
occurrence of desmosterol	45 (1974) 126
phosphorylation of non-histone chromosomal proteins	45 (1974) 329
secretion of 3',5'-cyclic AMP	41 (1974) 156
Glial fibrillary acidic protein (GFA)	49 (1974) 264
Glioma cells, action of prostaglandins	49 (1974) 260
Glioma X fibroblast hybrid cells, action of prostaglandins	49 (1974) 260
Globin mRNA	
of rabbit	47 (1974) 171
separation of α - and β -chain coding species	47 (1974) 343
Globin synthesis in mitochondria	46 (1974) 96
Glucocorticoid receptors from liver cells	45 (1974) 179
Glucagon	
effect on cyclic AMP release	49 (1974) 65
release from islets of Langerhans	49 (1974) 100
Glucokinase, in normal, fasted and diabetic rats	41 (1974) 342
Gluconeogenesis, effect of starvation and insulin	48 (1974) 310
Glucosamine	47 (1974) 225
Glucose	47 (1974) 225
binding to red blood cells	48 (1974) 196
effect on	
glucagon and insulin release	49 (1974) 100
insulin secretion	49 (1975) 407
incorporation into rifamycin S	49 (1974) 233
oxidase, role of carbohydrate moiety	41 (1974) 327
-6-phosphate dehydrogenase	49 (1975) 297
role in gluconeogenesis	48 (1974) 310
transport, effect of phlorizin	43 (1974) 6
Glutamate	
dehydrogenase	47 (1974) 96; 48 (1974) 192
effect on calcium transport	43 (1974) 75
synthetase	46 (1974) 340
transport inhibition by avenaciolide	46 (1974) 138
transport in mitochondria	46 (1974) 184
Glutaminase	
phosphate-dependent effect of palmityl-CoA and stearyl-CoA	47 (1974) 244
Glutamic acid	
distinction from glutamine in sequence analysis	50 (1975) 155
Glutamine	
distinction from glutamic acid in sequence analysis	50 (1975) 155
formation of acetyl-CoA	42 (1974) 279
-phosphoribosylpyrophosphate amidotransferase	49 (1974) 53
role in gluconeogenesis	48 (1974) 310

FEBS LETTERS

Glutaraldehyde, activation of phospholipase A ₂	49 (1975) 287
Glutaric acid, complex with glutamate dehydrogenase	48 (1972) 192
Glutathione S-epoxide transferase	43 (1974) 341
Glyceraldehyde	
effect on glucagon and insulin release	49 (1974) 100
-3-phosphate dehydrogenase	41 (1974) 104; 42 (1974) 285; 46 (1974) 251; 49 (1974) 242
Glycerinated muscle fibers, effect of meromyosin	45 (1974) 55
Glycerol	
incorporation into rifamycin S	49 (1974) 233
role in gluconeogenesis	48 (1974) 310
kinase	
low temperature induction	48 (1974) 314
Glycerophosphatides, action of phospholipase A ₂	45 (1974) 75
Glycine conjugation in Indian fruit bats	49 (1974) 134
Glycogen	
effect of ionophore A23187 and carbachol	43 (1974) 241
particles, study of phosphorylase b	42 (1974) 296
Glycogen phosphorylase, <i>see</i> Phosphorylase	
Glycogen synthetase kinase 2	47 (1974) 162
Glycollate synthesis in <i>R. rubrum</i>	48 (1974) 105
Glycoprotein	
N-acetylneuraminic acid transferase	44 (1974) 313
from human platelets	41 (1974) 30
precursor polyprenyl mannosyl phosphate	45 (1974) 312
Glycoproteins	
affinity for calcium	45 (1974) 99
binding of concanavalin A-Sepharose	42 (1974) 27
incorporation of fucose	47 (1974) 248
incorporation of GDP-mannose	46 (1974) 214
of rat small intestine	44 (1974) 309
of synaptic vesicle membranes	47 (1974) 276
Glycosphingolipids	
of erythrocytes	42 (1974) 101
of sarcoplasmic reticulum	43 (1974) 23
Glyoxysomal membranes	47 (1974) 53
GMPPCP, <i>see</i> 5'-Guanylylmethylene diphosphate or GTP-analogs	
Golgi apparatus, binding of concanavalin A	44 (1974) 274
Gonadotrophins, effect on adenylate cyclase	41 (1974) 345
Gramicidin	49 (1975) 350
Granathylakoid	42 (1974) 135
Granule cells, absence in mouse mutants and X-ray irradiated rats	46 (1974) 243
Granulose degradation in <i>Cl. posteurianum</i>	48 (1974) 64
Granulose phosphorylase	48 (1974) 64
Grave's disease	42 (1974) 301
Growth hormone	
inhibition of release by somatostatin	46 (1974) 171
release inhibiting factor, <i>see</i> Somatostatin	
Growth of plant cells, involvement of carbohydrate-binding proteins	45 (1974) 304
GTP	44 (1974) 324
Guanosine pentaphosphate (pppGpp)	44 (1974) 87; 44 (1974) 270
Guanosine tetraphosphate (ppGpp)	44 (1974) 270; 44 (1974) 87
Guanosine triphosphate	42 (1974) 343
association with 5SRNA-protein complex	42 (1974) 42
Guanyl cyclase	49 (1974) 92
5'-Guanylylmethylene diphosphonate (GMPPCP)	44 (1974) 324

Halophilic bacterium, identification of phospholipids	50 (1975) 50
Halothane, inhibition of mitochondrial respiration	48 (1974) 41
Heat of transition, <i>see</i> Thermal phase transition	
Hemoglobin	
Ankara	42 (1974) 121
autooxidation by chloride	43 (1974) 33
Bart's hydrops foetalis	46 (1974) 195
binding of NO	49 (1974) 84
conformation study	49 (1974) 246
Creteil, separation from hemoglobin A	43 (1974) 93
defect in synthesis	45 (1974) 252
E	41 (1974) 147
G Norfolk	50 (1975) 163
Hope β 136	47 (1974) 47
M Iwate	48 (1974) 141
of trout	46 (1974) 312
of viper	44 (1974) 79; 47 (1974) 333
Portland	49 (1975) 390
S—water interaction	43 (1974) 9
Zürich	48 (1974) 141
Hematin, function in catalase	49 (1974) 29
Heme catabolism	48 (1974) 256
Heme oxygenase	48 (1974) 256
Hemocyanin, oxygen binding properties	48 (1974) 246
Hemopexin	48 (1974) 109
Heparin	
effect on chromatin	42 (1974) 149
of endogenous origin in rat blood	46 (1974) 166
Hepatectomy, effect on protein catabolism	46 (1974) 308
Hepatoma cells	
activation of amidophosphoribosyl transferase	49 (1974) 53
inhibition of tyrosine aminotransferase by interferon	48 (1974) 297
synthesis of ferritin	47 (1974) 314
<i>Herpes simplex</i> virus, effect on mitochondrial DNA synthesis	44 (1974) 136
Heterodisperse nuclear RNA, <i>see</i> Heterogeneous nuclear RNA	
Heterogeneous nuclear RNA (hn RNA)	
of plant protoplasts	44 (1974) 164
of <i>Zea mays</i>	49 (1974) 87
<i>n</i> -Hexane, hydroxylation in microsomes	41 (1974) 14
Hexokinase of yeast	45 (1974) 114
Hexosaminidase	41 (1974) 181; 45 (1974) 276
High density lipoproteins (HDL)	
abnormal component	50 (1975) 180
abnormal species in LCAT-deficient plasma	45 (1974) 29
affinity chromatography	41 (1974) 174
interaction with triglycerides	44 (1974) 43
High performance liquid chromatography (HPLC), <i>see</i> Liquid chromatography	
High speed liquid chromatography (HSLC), <i>see</i> Liquid chromatography	
Hill data plot	49 (1974) 267
Hill plot, of carbachol binding to acetylcholine receptor	46 (1974) 354
Hippuric acid, conversion from benzoic acid	46 (1974) 134
Histocompatibility locus A (HL-A), <i>see</i> Antigen HL-A	
Histidine decarboxylase	43 (1974) 308
Histidyl-8 α -hydroxyflavin	42 (1974) 1
Histidyl 8 α -FAD	42 (1974) 1
Histidyl-tRNA synthetase	46 (1974) 175
Histone	
f1, effect on conformation of chromatin and RNA synthesis	44 (1974) 146

FEBS LETTERS

from Volvox	41 (1974) 219
H5	50 (1975) 195; 50 (1975) 200
--histone interactions	47 (1974) 125
kinase	49 (1974) 61
structure of chromatin	48 (1974) 156
covalent cross-linking in chromatin	50 (1975) 150
Holotryptophanase	48 (1974) 56
Host factor I (HFI) interaction with Q β -RNA	43 (1974) 20
HPN nucleotides, <i>see</i> Adenosine tetrphosphate <i>or</i> Adenosine pentaphosphate	
Hydrocinnamaldehyde	50 (1975) 47
Hydrocortisone, effect on tyrosine amino-transferase and phosphoenolpyruvate carboxykinase	46 (1974) 158
Hydrogen exchange	
in bacitracin	49 (1974) 115
in purine residues	49 (1974) 181
Hydrogen peroxide	
presence in mitochondria	45 (1974) 92
reaction with alcohol dehydrogenase	50 (1975) 324
superoxide radicals as precursors	42 (1974) 68
Hydrophobic chromatography, of <i>E. coli</i> enzymes	50 (1975) 130
<i>p</i> -Hydroxybenzoate hydroxylase	49 (1974) 13
β -Hydroxybutyrate	
inhibition of lipolysis	47 (1974) 19
oxidation	44 (1974) 348
25-Hydroxycholecalciferol	43 (1974) 353
1-(2-Hydroxyethyl)-2-methyl-5-nitroimidazole	42 (1974) 105
Hydroxymethylglutaryl-CoA reductase	46 (1974) 20
<i>p</i> -Hydroxymethyl-L-phenylalanine	43 (1974) 159
15-Hydroxyprostaglandin dehydrogenase	49 (1974) 204
Hypotaurine, transamination by taurine: α -ketoglutarate aminotransferase	45 (1974) 111
α -L-Iduronidase assay	45 (1974) 248
Immunoassay	
of elastin	47 (1974) 222
of pregnancy-associated α -macroglobulin	47 (1974) 190
with antibody--enzyme conjugates	43 (1974) 215
<i>see also</i> Radio immunoassay	
Immunoglobulin	
D	49 (1975) 310
heavy chain mRNA, hybridization study	41 (1974) 73
M	44 (1974) 236
mRNA, hybridization with cDNA	42 (1974) 323
effect on binding of thyroid stimulators to thyroid membranes	42 (1974) 301
synthesis on microsomes	48 (1974) 200
Immunological adjuvants, fusion of hen erythrocytes	41 (1974) 206
Inducer exclusion in <i>E. coli</i>	48 (1974) 93
Informosomes	41 (1974) 275; 41 (1974) 339
Initiation factor-3, role in <i>E. coli</i> cell-free system	45 (1974) 82
Initiation region of transcription	46 (1974) 357
Initiator tRNA	
interaction with ribosomes	42 (1974) 15
<i>see also</i> Methionyl tRNA	
Insulin	
effect of somatostatin on release	42 (1974) 169
effect on cyclic AMP release	49 (1974) 65
effect on gluconeogenesis	48 (1974) 310
secretion from pancreas	49 (1975) 407
state of amino group	50 (1975) 70
<i>see also</i> Non-suppressible insulin-like activity	

Interferon	
effect on mRNA translation	41 (1974) 125
inhibition of tyrosine aminotransferase	48 (1974) 297
Ionized magnesium, concentration in axoplasm	50 (1975) 82
Ionophore A23187	48 (1974) 37; 49 (1974) 96; 49 (1974) 106; 49 (1974) 400; 50 (1975) 245
effect on calcium transport	43 (1974) 75
effect on protein secretion, phospholipid metabolism and glycogen	43 (1974) 241
uncoupling of photophosphorylation	46 (1974) 343
Ionophore X-537A	47 (1974) 117; 50 (1975) 245
Ionophores, affinity of alkali metal ions	41 (1974) 78
Islets of Langerhans, effect of somatostatin on insulin release	42 (1974) 169
3-Isobutyl-1-methylxanthine, effect on growth hormone release	46 (1974) 171
Isocitrate dehydrogenase	42 (1974) 20; 49 (1974) 78
NAD- and NADP-specificity	49 (1974) 129
Isodesmosine	43 (1974) 331
Isoelectric focusing of epidermolytic toxin	46 (1974) 92
Isofenchone	48 (1974) 7
Isoleucyl-tRNA synthetase	46 (1974) 130
Isopentenyl adenosine	43 (1974) 195; 46 (1974) 45
Isoproterenol, effect on protein catabolism	46 (1974) 308
Isopycnic centrifugation	
of rat liver cells	43 (1974) 252
with metrizamide	50 (1975) 102
Iron	
accumulation by mitochondria	43 (1974) 144
effect on neuraminidase	50 (1975) 269
transport	49 (1974) 301
Iron-sulfur protein	
of adrenal cortex	47 (1974) 113
of 4-methoxybenzoate monooxygenase	43 (1974) 53
of photosystem I	49 (1974) 111
Kethoxal, use in conformation study of tryptophanyl tRNA	41 (1974) 297
α -Ketoisocaproate	44 (1974) 344; 44 (1974) 348
Ketosteroids	48 (1974) 7
α -Ketovalerate	44 (1974) 344
Kynurenine hydroxylase	46 (1974) 78
Kynurenine-3-monooxygenase	47 (1974) 225
Labelling	
of L-asparaginase by radioactive acetic anhydride	42 (1974) 86
of luteinizing hormone by tritium	45 (1974) 162
Lactate dehydrogenase	
dextran-NAD as active coenzyme	46 (1974) 119
isoenzymes, affinity chromatography	43 (1974) 163
Lactate, role in gluconeogenesis	48 (1974) 310
Lactation	
levels of cyclic AMP and cyclic GMP	46 (1974) 180
suppression by colchicine	48 (1974) 85
Lactogenic hormone, synthesis in a cell-free system	45 (1974) 104
Lactose synthetase	47 (1974) 94
Lactotransferrin	48 (1974) 262
Lanosterol, conversion from squalene	47 (1974) 66
Lanthanum	
binding in biological systems	41 (1974) 303
-ATP, binding to phosphoglycerate kinase	48 (1974) 60
effect on ADP translocation	50 (1975) 74

FEBS LETTERS

effect on calcium transport	43 (1974) 75
selective inhibitor of calcium transport	50 (1975) 135
Lauric acid	43 (1974) 1
α -Lecithin-peptide interaction, NMR-study	43 (1974) 148
Lecithin	
action of phospholipase A ₂	46 (1974) 141
-cholesterol-acyl transferase-deficient plasma, abnormal high density lipoprotein	45 (1974) 29
receptor sites in liver cells	47 (1974) 11
Lectins	
adsorption of serum proteins	48 (1974) 126
affinity chromatography	44 (1974) 286
see also Wheat germ agglutinin	
Leghemoglobin	43 (1974) 239
Leucyl-tRNAs, role in protein synthesis	43 (1974) 199
Leukocytes, effect of concanavalin A-couples Sepharose beads	42 (1974) 90
Ligandine	45 (1974) 6
Light scattering controlled cell (particle) analyzer and separator	44 (1974) 247
Light scattering photometry of chromaffin granules	44 (1974) 217
Lincomycin	45 (1974) 218
Lipase	41 (1974) 89; 49 (1975) 334
see also Clearing factor lipase, Colipase, Lipoprotein lipase, Triglyceride lipase, Post-heparin lipolytic activity	
Lipid	
-apolipoprotein interaction	49 (1974) 269
bilayer membrane, interaction with Ca ²⁺ -binding glycoprotein	45 (1974) 99
bilayers, rate of cholesterol movement	42 (1974) 108
effect on lysyl-tRNA synthetase	45 (1974) 194
particles from baker's yeast	43 (1974) 176
phase transitions in membrane vesicles	45 (1974) 96
-protein monolayer, enzyme kinetics	49 (1975) 329
Lipolysis, inhibition by butyrate and β -hydroxybutyrate	47 (1974) 19
Lipopolysaccharide of <i>Vibrio cholerae</i>	50 (1975) 147
Lipoprotein	
-B affinity chromatography with concanavalin A-Sepharose	41 (1974) 174
lipase	44 (1974) 43
lipase, activation by unsaturated phospholipids	44 (1974) 185
lipase, hormonal control	45 (1974) 271
of human plasma, affinity chromatography	41 (1974) 174
see also Very low density lipoprotein, Low density lipoprotein, High density lipoprotein	
Liposome membranes	
proton transport	41 (1974) 35
Liposomes	
action of phospholipase A ₂	46 (1974) 141
prevention of allergic reactions	45 (1974) 71
Lipoxidase	44 (1974) 97
Liquid chromatography	
base-pair specificity	41 (1974) 203
of di- and polyamines	41 (1974) 99
of vitamin D ₃ derivatives	48 (1974) 122
Lithium	
binding to peptides	46 (1974) 192
effect on peptide bonds	10 (1974) 18
Liver cell culture, albumin synthesis	46 (1974) 127
Liver, lectin receptor sites	47 (1974) 11
Long acting thyroid-stimulator (LATS), binding to thyroid membranes	42 (1974) 301
Low density lipoprotein (LDL)	
affinity chromatography	41 (1974) 174
study of protein moieties	41 (1974) 335
Low temperature study of cytochrome P-450	46 (1975) 75

Luminescence emission spectra of chloroplasts	43 (1974) 293
Luteinizing hormone derivatives	44 (1974) 224
Luteinizing hormone (LH) ₁	
effect of phospholipid on conformation	45 (1974) 175
effect on 3',5'-cyclic AMP in placenta	47 (1974) 146
labelling by tritium	45 (1974) 162
Luteinizing hormone–releasing hormone (LH–RH)	48 (1974) 88; 50 (1975) 180
analogs	44 (1974) 233
Lysine	48 (1974) 7
Lysosomes	
heterogeneity in liver	43 (1974) 227
proteolysis at neutral pH	45 (1974) 129
Lysozyme	
binding of cobalt	49 (1974) 178
of phage T ₄	44 (1974) 173
state of amino groups	50 (1975) 70
Lysyl-tRNA synthetase	45 (1974) 194
Lytic factors from cobra venom	46 (1974) 141
α -Macroglobulin, additional compound in serum of pregnant woman	47 (1974) 190
Macrophages, effect of concanavalin A	46 (1974) 203; 46 (1974) 208
Magnesium-ATP	
binding to phosphoglycerate kinase	48 (1974) 60
effect on phosphorylase phosphatase	48 (1975) 184
Magnesium	
binding to peptides	46 (1974) 192
effect on ADP translocation	50 (1975) 74
effect on calcium transport	50 (1975) 261
effect on enolase	44 (1974) 298
2,4-divinylphaeoporphyrin a ₂	50 (1975) 355
effect on ferredoxin-linked electron transport	45 (1974) 286
effect on (Na ⁺ + K ⁺) dependent ATPase	47 (1974) 352
effect on proton transport	49 (1974) 106
use in isolation of microsomes	43 (1974) 155
see also Ionized magnesium	
Magnetic circular dichroism (MCD), of submitochondrial particles	46 (1974) 317
Magnetic field, effect on chloroplasts	50 (1975) 257
Magneto-optical rotatory dispersion (MORD), of submitochondrial particles	46 (1974) 317
Malate dehydrogenase	47 (1974) 225
immobilization on Sepharose	47 (1974) 295
inhibition by 2-thenoyltrifluoroacetone	49 (1974) 170
Malate	
effect on cytochrome <i>a</i> -607 and nicotinamide nucleotides	46 (1974) 263
effect on pyruvate carboxylase	43 (1974) 27
transport	46 (1974) 138
3-[(3-Maleimidopropyl)carbamoyl]-2,2,5,5-tetramethyl-1-pyrrolidinyloxy	47 (1974) 236
3-Maleimido-2,2,5,5-tetramethyl-1-pyrrolidinyloxy	47 (1974) 236
Malic enzyme	41 (1974) 238
Malonate, effect on pyruvate carboxylase	43 (1974) 27
Manganese	
-ADP binding to phosphoglycerate kinase	41 (1974) 189
-ATP, binding to phosphoglycerate kinase	48 (1974) 60
effect on calcium transport	43 (1974) 75
Mannan, occurrence in the membrane of <i>Micrococcus lysodeikticus</i>	41 (1974) 259
Mannosamine, incorporation into sialic acid of gangliosides	46 (1974) 200
β -D-Mannopyranosyl phosphate	45 (1974) 312
Mannose	47 (1974) 225
transport in microsome membranes	46 (1974) 214

FEBS LETTERS

Maple syrup urine disease	44 (1974) 348
Mass spectrometry (MS) of monoacetyldiglycerides	50 (1975) 50
Megaloglycolipids	42 (1974) 101
Melanocyte-stimulating hormone release-inhibiting factor (MIF)	44 (1974) 101
Melanogenesis, effect of calciferols	42 (1974) 32
Melittin, effect on phospholipase A ₂	46 (1974) 141
Membrane	
-active complexones	44 (1974) 1
-bound polysomes, synthesis of immunoglobulin	48 (1974) 200
-bound proteins, defined lipid environment	41 (1974) 122
-bound polysomes, <i>see also</i> Microsomes	
from zymogen granule	49 (1974) 228
glycoproteins of rat small intestine	44 (1974) 309
lipid fluidity	43 (1974) 1
lipid phase transitions	45 (1974) 96
of chromaffin granule	50 (1975) 21
of <i>E. coli</i> , binding of T ₇ DNA	50 (1975) 13
of <i>Micrococcus lysodeikticus</i> , occurrence of mannan	41 (1974) 259
orientation, effect on anion and cation transport	42 (1974) 271
protein B of <i>E. coli</i>	41 (1974) 195
receptor dependent iron transport	49 (1974) 301
transport in chromatophores	49 (1974) 174
phosphate transport	50 (1975) 210
<i>see also</i> Brush border membranes, Erythrocyte membranes, Lipid bilayer membranes, Muscle membranes, Sarcoplasmic reticulum membranes, Synaptic vesicle membranes, etc.	
Meraptalbumin	42 (1974) 183
Mercaptide-imidazolium, active site of papain	47 (1974) 15
Mercury	
effect on neuraminidase	50 (1975) 269
-thionein	48 (1974) 222
Meromyosin	45 (1974) 55
Mersalyl	50 (1975) 210
Meso-diamino pimelic decarboxylase regulation by aspartate kinase	43 (1974) 67
Messenger RNA (mRNA)	
effect of interferon on translation	41 (1974) 125
nuclear precursors	47 (1974) 98
of vaccinia virus	49 (1975) 385
translation	49 (1975) 376
Metalloprotein, conformation study	49 (1974) 246
Metallothionein	
effect of cadmium	42 (1974) 23
conversion to copper-thionein	44 (1974) 293
Methane- and methanol-utilising bacteria, study of cytochromes	44 (1974) 106
Methane-utilizing bacteria	
effect on CO-stimulated respiration	41 (1974) 94
Methane sulfonyl fluoride, inactivation of trypsinogen	41 (1974) 108
Methanol	
effect on ATPase and GTPase	42 (1974) 42
induction of catalase	41 (1974) 283
Methionine, methyl-labelling of RNA	49 (1974) 212
Methionyl-tRNA synthetase	46 (1974) 101
repeated sequences	45 (1974) 26
Methionyl tRNA	47 (1974) 56
effect of T ₂ toxin	50 (1975) 8
<i>see also</i> Initiator RNA	
4-Methoxybenzoate mono-oxygenase	43 (1974) 53
Methylation of regulatory DNA	44 (1974) 121
7-Methylbenz(a)anthracene	43 (1974) 341

Methylmercuric chloride, dissociation of protein kinase	48 (1974) 238
5-Methyltetrahydrofolate- <i>N</i> -methyltransferase	47 (1974) 299
5'-Methylthioadenosine	43 (1974) 261
5-Methyl-2-thiouridine, occurrence in tRNA	43 (1974) 59
<i>O</i> -(4-Methyl-umbelliferyl)-glycosides, binding of wheat germagglutinin	46 (1974) 229
Methylxanthines, effect on in vitro polypeptide synthesis	45 (1974) 132
Metrizamide	43 (1974) 252; 50 (1975) 102
Mevalonic acid	48 (1974) 7
Microcalorimetry	
of glucose-binding to red blood cell membranes	48 (1975) 196
of ribosome unfolding	41 (1974) 211
Micro-electrophoresis in polyacrylamide gradients of tRNA	50 (1975) 54
Microsomal membranes	
binding of concanavalin A	44 (1974) 274
effect of D-galactosamine	44 (1974) 141
GDP-mannose transport	46 (1974) 214
Microsomes	
acylation of monoglycerides	41 (1974) 65
effect of protein synthesis inhibitors	46 (1974) 326
hydroxylation of fatty acids	50 (1975) 378
hydroxylation of <i>n</i> -hexane	41 (1974) 14
localization of phosphoproteins	45 (1974) 88
low temperature study of cytochrome <i>P</i> -450	46 (1975) 75
isolation by Mg-precipitation	43 (1974) 155
phospholipid synthesis	49 (1975) 361
properties of NADPH-cytochrome <i>c</i> reductase	46 (1974) 51
<i>see also</i> Membrane-bound polysomes	
Microvillar protein metabolism	41 (1974) 139
Milk fat globule membrane, binding of concanavalin A	44 (1974) 274
Mitochondria	
accumulation of iron	43 (1974) 144
ADP/ATP transport	45 (1974) 320
alcohol dehydrogenase	46 (1974) 78
anion transport	46 (1974) 138; 46 (1974) 184
calcium transport	42 (1974) 57; 43 (1974) 349; 46 (1974) 109; 47 (1974) 76
control of pyruvate oxidation	44 (1974) 344
cytochrome oxidase synthesis in vitro	47 (1974) 290
effect of 'diamide' and dithioerythritol	42 (1974) 197
effect of dibromothymoquinone on electron transport	41 (1974) 115
effect of calcium on ADP and ATP transport	41 (1974) 118
effect of ethidium bromide on protein synthesis	50 (1975) 303
effect of funiculosin on respiratory chain	50 (1975) 279
effect of halothane on respiration	48 (1974) 41
effect of xanthotricin on the respiratory chain	46 (1974) 23
inhibition of hydroxymethyl glutaryl-CoA reductase	46 (1974) 20
inhibition of malate dehydrogenase	49 (1974) 170
phosphate transport	50 (1975) 210
protein synthesis by exogenous RNA	46 (1974) 96
proteolytic system	45 (1974) 244
properties of Ca ²⁺ -binding glycoprotein	45 (1974) 99
proton transport	42 (1974) 54
purification of RNA polymerase	46 (1974) 333
of <i>Candida lipolytica</i>	45 (1974) 22
oxygen radicals and hydrogen peroxide	45 (1974) 92
spin-labelling of ATPase and its inhibitor	47 (1974) 236
synthesis of phosphoenolpyruvate and citrulline	47 (1974) 60
thiosulphate transport	46 (1974) 247
<i>see also</i> Promitochondria, Submitochondrial particles	

Mitochondrial	
adenine nucleotide translocase	48 (1974) 250
ATPase	43 (1974) 212
DNA synthesis effect of virus infection	44 (1974) 136
membranes	
ADP translocation	50 (1975) 74
effect of gonadotrophins on adenylate cyclase	41 (1974) 345
effect of ionophore A23187 on Mg^{2+} and Ca^{2+}	49 (1975) 400
transport of monovalent cations	44 (1974) 25
nucleic acids, hybridization with chloroplast nucleic acids	42 (1974) 262
phosphate and dicarboxylate transport	48 (1974) 188
proteins, synthesis on cytoplasmic ribosomes	43 (1974) 151
ribosomes, difference from cytoplasmic ribosomes	41 (1974) 264
RNA methylation	49 (1974) 212
tRNA from plants	42 (1974) 305
succinate oxidation, effect of protamine	41 (1974) 46
synthesis of pregnenolone	50 (1975) 204
Mitochondriocuprein	44 (1974) 293
Mitomycin C, induction of transcription of colicin E ₁ genome	47 (1974) 356
Monoactylidglycerides of halophilic bacterium	50 (1975) 50
Monocarboxylate transport, role in pyruvate oxidation	44 (1974) 344
Monoglyceride acylation by fat-body microsomes	41 (1974) 65
Monovalent cation transport, effect of fatty acids and acyl-CoA	44 (1974) 25
Morphine, effect on prostaglandins and noradrenaline	49 (1974) 260
MS nucleotides, <i>see</i> Guanosine tetraphosphate, Guanosine pentaphosphate	
Mucopolysaccharidoses, assay of α -L-iduramidase	45 (1974) 248
Muscle membrane, conformational change by angiotensin	47 (1974) 193
Mutant weaver mouse, absence of granule cell proteins	46 (1974) 243
Mutation, <i>see</i> Gene mutation, Nuclear mutation	
Mycoplasma membranes, content of cholesterol and phospholipids	47 (1974) 81
Myelin proteolipid P ₁	45 (1974) 295
Myristate, effect on cation transport	44 (1974) 25
Myofibrils without myosin, effect of meromyosin	45 (1974) 55
Myosin	43 (1974) 104
-ATPase	43 (1974) 277
comparison of fibroblast and smooth muscle species	45 (1974) 14
interaction with cobalt	47 (1974) 7
light chains	49 (1975) 320
light-chain kinase	41 (1974) 292
phosphorylation in vivo	47 (1974) 149
NAD	
-dextran, coenzymically active complex	46 (1974) 119
effect on isocitrate dehydrogenase	42 (1974) 20
-Flagyl	42 (1974) 231
-glutarate--glutamate dehydrogenase complex	48 (1974) 192
glycohydrolase, effect of X-ray irradiation	44 (1974) 127
levels in 3T3 cells	47 (1974) 23
-malic dehydrogenase decarboxylating	48 (1974) 79
pyrophosphorylase, effect of X-ray irradiation	44 (1974) 127
reduction in <i>C. lipolytica</i> mitochondria	45 (1974) 22
-specific isocitrate dehydrogenase	49 (1974) 129
NADH	
-cytochrome c reductase	46 (1974) 78
effect of thenoyltrifluoroacetone	45 (1974) 1
-dehydrogenase	
effect of halothane	48 (1974) 41
interaction with ATP	47 (1974) 241

effect on isocitrate dehydrogenase	42 (1974) 20
-ferredoxin oxidoreductase	43 (1974) 203
-linked glyceraldehyde 3-phosphate dehydrogenase	42 (1974) 285
oxidase, activation by succinate	46 (1974) 123
oxidation induced by malate	46 (1974) 263
reaction with Flagyl	42 (1974) 105
role in nitrogen fixation	43 (1974) 203
transhydrogenase	49 (1974) 10; 50 (1975) 227
NADP	
effect on isocitrate dehydrogenase	42 (1974) 20
-Flagyl	42 (1974) 231
-glutarate-glutamate dehydrogenase complex	48 (1972) 192
-malic dehydrogenase decarboxylating	48 (1974) 79
reduction in <i>C. lipolytica</i> mitochondria	45 (1974) 22
-specific isocitrate dehydrogenase	49 (1974) 129
transhydrogenase	49 (1974) 10
NADPH	
-cytochrome <i>c</i> reductase	46 (1974) 51; 46 (1974) 78; 48 (1974) 256
effect on isocitrate dehydrogenase	42 (1974) 20
interaction with <i>p</i> -hydroxybenzoate hydroxylase	49 (1974) 13
-linked glyceraldehyde 3-phosphate dehydrogenase	42 (1974) 285
oxidation induced by malate	46 (1974) 263
photoreduction of protochlorophyll	46 (1974) 301
transhydrogenase	50 (1975) 227
<i>Naja naja siamensis</i> toxin, binding to acetyl choline receptor	47 (1974) 204
NANA-transferase	44 (1974) 313
1-Naphthylacetic acid, conjugation to glycine	46 (1974) 134
Neck appendage protein of bacteriophage Φ 29	44 (1974) 317
Neoplastic changes in immunospecificity of non-histone chromosomal protein-DNA complexes	42 (1974) 94
Neuraminidase, activation by divalent cations	50 (1975) 269
Neuroblastoma cells	
action of prostaglandins	49 (1974) 260
Ca ²⁺ -activated ATPase	49 (1974) 43
Neuroblastoma X glioma hybrids, synthesis of dopamine- β -hydroxylase	42 (1974) 221
Neurones	
occurrence of desmosterol	
phosphorylation of non-histone chromosomal proteins	45 (1974) 329
Neuropeptide synthesis, effect of biogenic amines	47 (1974) 185
Neurophysin	46 (1974) 71; 49 (1974) 145
Neurotoxins	42 (1974) 335; 45 (1974) 118; 50 (1975) 311
Neurotubulin polymerization and phosphorylation	46 (1974) 285
Neurotransmitters, effect on peptide synthesis	47 (1974) 185
Nickel, interaction with ATP	45 (1974) 184
Nicotinamide 1, <i>N</i> ⁶ -ethenoadenine dinucleotide (ϵ -NAD ⁺)	47 (1974) 90
Nicotinamide mononucleotide	42 (1974) 161
Nigericin	49 (1974) 106; 50 (1975) 98
Nitro-azido-phenylalanine photoaffinity labelling	46 (1974) 347
Nitrogen fixation	
role of cytochrome <i>P</i> -450 _{Rh}	44 (1974) 305
role of NADH	43 (1974) 203
Nitrophenylalanine, photoaffinity labelling	46 (1974) 347
Nitrosyl hemoglobin	49 (1974) 84
Non-histone chromosomal protein-DNA complexes	42 (1974) 94
Non-histone chromosomal proteins	41 (1974) 8; 45 (1974) 329; 46 (1974) 154; 50 (1975) 253
Non-suppressible insulin-like activity	49 (1974) 65
Noradrenaline	50 (1975) 61
effect of morphine	49 (1974) 260
effect on neuropeptide synthesis	47 (1974) 185

Norepinephrine, <i>see</i> Noradrenaline	
Nuclear estrogen receptor	43 (1974) 107
Nuclear magnetic resonance (NMR)	
of adenine nucleosides and nucleotides	41 (1974) 253
of aromatic amino acids	50 (1975) 265
of coenzyme A, acetyl CoA and 3',5'ADP	43 (1974) 271
of copper-AMP	41 (1974) 243
of daunorubicin	46 (1974) 5
of hydrogen exchange in bacitracin	49 (1974) 115
of polypeptides	43 (1974) 337
of ribonuclease	48 (1974) 218
of α -lecithin-peptide interaction	43 (1974) 148
of oxytocin	50 (1975) 168
of phosphatidylethanolamine	45 (1974) 136
of phosphoglycerate kinase	41 (1974) 189
of sonicated phospholipids	46 (1974) 55
of thyrotropin releasing factor	42 (1974) 347
of transfer RNA	41 (1974) 40
Nuclear membranes, binding of concanavalin A	42 (1974) 209; 44 (1974) 274
Nuclear mutation of <i>S. cerevisiae</i> with repression of cytochrome <i>a</i>	42 (1974) 309
Nuclear 30S particles	41 (1974) 17
Nuclear proteins, phosphorylation in vitro	42 (1974) 257
Nuclear RNA synthesis, effect of phytohormone	44 (1974) 164
Nucleic acids, hydrogen exchange in purine residues	49 (1974) 181
Nucleohistones, binding of non-histone chromosomal proteins	50 (1975) 253
Nucleolar preribosomal proteins, phosphorylation in vivo	44 (1974) 131
Nucleoside diphosphate kinase	47 (1974) 279
Obese mouse, defect in regulation of phosphofructokinase	43 (1974) 17
Oleate, effect on cation transport	44 (1974) 25
Oleic acid	43 (1974) 1; 48 (1974) 7
Oligonucleotides, base-pair specificity in liquid chromatography	41 (1974) 203
interaction with gene-5 protein	46 (1974) 115
Oligothymidylate bound to polyvinylalcohol	50 (1975) 140
Optical rotation dispersion (ORD), of δ -chymotrypsin	50 (1975) 339
Ornithine acetyltransferase	43 (1974) 285
Ornithine-amide lipid in <i>Pseudomonas fluorescens</i>	43 (1974) 257
Ornithine decarboxylase	49 (1974) 120
Oxalate, effect on pyruvate carboxylase	43 (1974) 27
Oxaloacetate, conversion to pyruvate	42 (1974) 279
Oxaloacetate, effect on pyruvate carboxylase	43 (1974) 27
Oxidative phosphorylation	
effect of calcium	42 (1974) 57
in leucocytes	48 (1974) 37
uncoupling by dichlorosalicylanilides	49 (1975) 338
Oxotremorine, inhibition of tremor by neuropeptides	44 (1974) 101
Oxygen dissociation of hemoglobin Portland	49 (1975) 390
Oxygen in singlet state, effect of superoxide dismutase	44 (1974) 97
Oxygen radicals presence in mitochondria	45 (1974) 92
Oxygen-superoxide, redox potential	44 (1974) 22
Oxygen tension, effect on aldolase synthesis	45 (1974) 68
Oxytocin	
NMR-analysis	50 (1975) 168
PMR study	42 (1974) 179
Pactamycin, effect on RNA polymerase	41 (1974) 161
Palmitate, effect on cation transport	44 (1974) 25
Palmityl carnitine, effect on pyruvate oxidation	44 (1974) 344

Palmityl-CoA	
effect on adenine nucleotide translocase	48 (1974) 250
effect on ADP translocation	50 (1975) 74
effect on cation transport	44 (1974) 25
effect on mannose transport	46 (1974) 214
effect on phosphate-activated glutaminase	47 (1974) 244
see also Fatty acyl-CoA	
Pancreas, effect of somatostatin on insulin release	42 (1974) 169
Pancreozymin, effect on cyclic AMP and cyclic GMP	43 (1974) 139
Papain	45 (1974) 79
-active center	50 (1975) 365
mercaptide-imidazolium in the active site	47 (1974) 15
reaction kinetics study	49 (1974) 191
Particle analyzer and separator	44 (1974) 247
Paralbumin	42 (1974) 173
Pasteur effect and phosphofructokinase activity	49 (1974) 220
Penicillin amidase	49 (1975) 325
Penicillinase, inhibition by dicloxacillin	43 (1974) 49
Penicillin G	48 (1974) 7
Pepsin	
kinetics of transpeptidation	46 (1974) 29
of hog	43 (1974) 207
Peptide	
binding to albumin	44 (1974) 160
cation binding	49 (1974) 18
chloromethyl ketones, inhibition of elastase	50 (1975) 359
- α -lecithin interaction, NMR-study	43 (1974) 148
methyl esters, hydrolysis by subtilisin	42 (1974) 282
Peptidyltransferase	47 (1974) 136
effect of elongation factor G and GMPPCP	44 (1974) 324
effect of ribosomal protien L11	48 (1974) 266; 48 (1974) 271
Peptidyl-tRNA analogues, reaction with <i>E. coli</i> ribosomes	45 (1974) 218
Periodate	
effect on erythrocyte membranes	42 (1974) 116
effect on yeast cell membranes	42 (1974) 18
D-Perosamine	50 (1975) 147
Peroxidase	
action upon flavones	41 (1974) 50
activity of alcohol dehydrogenase	50 (1975) 324
Persulfide group (-SSH group), in rhodanese	49 (1974) 22
Phagocytosis	
effect of concanavalin A	46 (1974) 208
in polymorphonuclear leucocytes	48 (1974) 37
role of alkaline phosphatase	48 (1974) 293
Phalloidin, interaction with actin	44 (1974) 340
Phalloidin, interaction with actin	44 (1974) 340
Phalloxin, binding to actin	46 (1974) 351
Phenazines, effect on proton and electron transport	41 (1974) 35
Phenol, conjugation to sulphate	46 (1974) 134
Phenylacetate	
conjugation to glycine	49 (1974) 134
effect on desaturation of stearyl-CoA	49 (1975) 404
Phenylalanine deaminated metabolites	49 (1975) 404
Phenylalanine hydroxylase, affinity chromatography	44 (1974) 290
L-Phenylalanine 4-nitroanilide, matrix-bound hydrolysis by α -chymotrypsin	43 (1974) 281
Phenylalanine thermal difference spectra	48 (1974) 101
Phenylalanyl tRNA	48 (1974) 50; 50 (1975) 54
synthetase, photoinduced modification	49 (1974) 159

FEBS LETTERS

<i>p</i> -Phenylenediamine, effect on proton and electron transport	41 (1974) 35
2-Phenylethanol, effect on erythrocyte membranes	42 (1974) 116
effect on yeast cell membranes	42 (1974) 18
Phenylketonuria	44 (1974) 348
Phenylpyruvate	44 (1974) 348
effect on desaturation of stearyl-CoA	49 (1975) 404
interconversion of pyruvate dehydrogenase	43 (1974) 116
Phlorizin, binding to plasma membranes	43 (1974) 6
Phosphate-containing peptide from nucleoside diphosphate kinase	47 (1974) 279
Phosphate	
effect of fatty acyl-CoA on glutaminase	47 (1974) 244
Phosphate transport in mitochondria	46 (1974) 184; 46 (1974) 188; 48 (1974) 188; 50 (1975) 210
Phosphatidylcholine-water dispersions	47 (1974) 158
Phosphatidylethanolamine	43 (1974) 257
in <i>Pseudomonas fluorescens</i>	
NMR study	45 (1974) 136
synthesis in rat hepatocytes	43 (1974) 303
-water dispersions	47 (1974) 158
Phosphatidylglycerol	43 (1974) 257
Phosphatidylinositol, effect on activity of phospholipid transfer protein	46 (1974) 260
Phosphatidylserine synthetase	49 (1974) 201
Phosphoenolpyruvate carboxy-kinase	
effect of hydrocortisone and cyclic-AMP	46 (1974) 158
isoenzymes	43 (1974) 345
Phosphoenolpyruvate carboxylase	48 (1974) 145
Phosphoenolpyruvate-dependent phosphotransferase system	42 (1974) 98
Phosphoenolpyruvate: fructose phosphotransferase	46 (1974) 106
Phosphoenolpyruvate synthesis, regulation by fatty acids	47 (1974) 60
Phosphoglycerate kinase	41 (1974) 189; 46 (1974) 251; 48 (1974) 60
Phosphofructokinase	46 (1974) 106; 49 (1974) 220
defective allosteric regulation	43 (1974) 17
inhibition by creatine phosphate	46 (1974) 337
Phospholipase A	50 (1975) 61
Phospholipase A ₂	41 (1974) 89; 49 (1975) 287
action on glycerophosphatides	45 (1974) 75
stimulation of activity by melittin	46 (1974) 141
-II	47 (1974) 348
Phospholipase C ₁ effect on expression of SV40 tumor antigens	45 (1974) 55
Phospholipase C from <i>Clostridium perfringens</i>	44 (1974) 279
Phospholipases A from <i>Vipera ammodytes</i> venom	44 (1974) 182
Phospholipases, effect on submitochondrial particles	45 (1974) 267
Phospholipid metabolism	
effect of ionophore A23187 and carbachol	43 (1974) 241
Phospholipids	
activation of lipoprotein lipase	44 (1974) 185
correlation to cholesterol content in membranes	47 (1974) 81
effect on luteinizing hormone	45 (1974) 175
effect on phosphatidylserine synthetase	49 (1974) 201
NMR study	46 (1974) 55
of brain, binding of acetylcholine and diolineric drugs	42 (1974) 319
of brain microsomes	49 (1975) 361
of moderately halophilic bacterium	50 (1975) 50
of <i>Ps. fluorescens</i> , replacement in phosphate-limited cultures	43 (1975) 257
quantum-mechanical study of ion formation	44 (1974) 266
synthesizing enzymes	49 (1975) 369
transfer protein	46 (1974) 260
4'-Phosphopantetheine	50 (1975) 43
Phosphoprotein phosphatase of renal brush border membranes	50 (1975) 121

Phosphoproteins, localization in ribosomal subunits	45 (1974) 88
Phosphorescence of chlorophylls	45 (1974) 290
Phosphoribosyladenosine triphosphate synthetase	50 (1975) 239
Phosphoribosyl pyrophosphate	50 (1975) 239
Phosphoribosyl pyrophosphate synthetase	42 (1974) 145
Phosphorylase b	42 (1974) 200
flash activation	42 (1974) 296
Phosphorylase kinase isoenzymes	42 (1974) 77
Phosphorylase kinase, regulation of phosphorylase phosphatase	50 (1975) 351
Phosphorylase phosphatase	48 (1974) 184
regulation by phosphorylase kinase	50 (1975) 351
Phosphorylation	
effect on non-histone chromosomal proteins	50 (1975) 253
in skeletal muscle	47 (1974) 162
of β -casein	45 (1974) 3
of cerebral cortex membrane proteins	45 (1974) 237
of fatty acid synthetase	44 (1974) 55
of membrane proteins	49 (1974) 228
of myosin	47 (1974) 149
of nuclear proteins	42 (1974) 257
of non-histone chromosomal proteins	45 (1974) 329
of phosphotransferase	42 (1974) 98
of renal brush border membranes	50 (1975) 121
of ribosomal and preribosomal proteins	44 (1974) 131
of troponin-I	50 (1975) 57
see also Acid-base phosphorylation	
Phosphorylcholine-glyceride transferase	49 (1975) 369
Phosphorylcholine–phosphorylethanolamine mixture, thermal phase transition	43 (1974) 71
Phosphorylethanolamine-glyceride transferase	49 (1975) 369
Phosphotransferase system	
in <i>E. coli</i>	48 (1974) 93
phosphorylated intermediates	42 (1974) 98
Photo-oxidation of citrate synthase	43 (1974) 97
Photophosphorylation	
in chloroplasts	48 (1974) 32
in chromatophores	49 (1974) 203
in spinach chloroplasts	50 (1975) 247
uncoupling by the ionophore A23187	46 (1974) 343
uncoupling in chloroplasts	50 (1975) 98
Photoreactivating enzyme	50 (1975) 125
Photosystem I, iron-sulphur proteins	49 (1974) 111
Photosystem II	
chlorophyll fluorescence	42 (1974) 61
electron transport	49 (1975) 350
energy conserving sites	43 (1974) 231
fast and large reaction component of chlorophyll-a	42 (1974) 81
localization of water-photolysis system	42 (1974) 165
low temperature reactions	47 (1974) 140
photoreduction of plastoquinone	47 (1974) 143
Photosynthesis	
effect of diazonium-1,2,4-triazole	47 (1974) 26
primary events	48 (1975) 136
Phytohormone	
effect on nuclear RNA of plant protoplasts	44 (1974) 164
Picosecond spectroscopy (PS) of photosynthesis	48 (1974) 136
Pilocarpine, effect on cyclic AMP and cyclic GMP	43 (1974) 139
'Ping-pong' mechanism of dopamine β -hydroxylase	49 (1974) 49

FEBS LETTERS

Placenta, hormone-stimulated 3',5'-cyclic AMP synthesis	47 (1974) 146
Placental cytoplasm, binding of squalene	47 (1974) 66
Plant cell membranes, carbohydrate-binding proteins	45 (1974) 304
Plasma membrane proteins	
of eye lens fibre junctions	45 (1974) 139
of SV40-transformed fibroblasts	47 (1974) 107
Plasma membranes	
binding of concanavalin A	44 (1974) 274
binding of phlorizin	43 (1974) 6
conformational change by angiotensin	47 (1974) 193
fucose incorporation into glycoproteins	47 (1974) 248
interaction of fluorescent probes	49 (1975) 346
Plastoquinone, photoreduction to plastosemiquinone	47 (1974) 143
Platelet membranes, subfractionation by zonal centrifugation	41 (1974) 317
Platinum cyanide	43 (1974) 289
Poly-A, effect on host factor I-Q β RNA interaction	43 (1974) 20
Polyacrylamide gel electrophoresis in two dimensions of tRNAs	50 (1975) 185
Poly (ADP-ribose)	43 (1974) 318
Polyamines	50 (1975) 1
analysis by liquid chromatography	41 (1974) 99
analysis in cerebrospinal fluid	46 (1974) 305
Poly-C synthesis in brain nuclei	49 (1974) 223
Polychlorinated biphenyls (PCBs), induction of enzymes	50 (1975) 172
Polycyclic hydrocarbons	43 (1974) 341
Poly 2'-O-ethyladenylic acid, antiviral activity	42 (1974) 331
Poly (ethylene glycol)-p-aminobenzamidine, effect on trypsin	42 (1974) 214; 42 (1974) 218
Poly 2'-O-ethyluridylic acid, antiviral activity	42 (1974) 331
Poly I, effect on protein synthesis	46 (1974) 326
Polymyxin B, effect on phospholipase A ₂	46 (1974) 141
Polynucleotide phosphorylase, quaternary structure	50 (1975) 79
Polynucleotides	
enzymic synthesis	50 (1975) 140
hypochromic effect	47 (1974) 155
Polynucleotide synthesis, in vitro	48 (1974) 306
Polypeptide helices	41 (1974) 307
Polypeptides	
from chloroplast envelopes	47 (1974) 255
from thylakoid membranes	49 (1975) 372
NMR study	43 (1974) 337
<i>see also</i> Proteins	
Polyprenyl mannosyl phosphate	45 (1974) 312; 46 (1974) 214
Poly [r(G-s ² C)], synthesis from poly [d(G-C)] and poly [d(I-C)]	44 (1974) 111
Polyribosomes	
localization of phosphoproteins	45 (1974) 88
mitochondrial protein synthesis	43 (1974) 151
Poly-U, effect on host factor I-Q β RNA interaction	43 (1974) 20
Polyvinylalcohol-linked oligothymidylate	50 (1975) 140
Porphobilinogenase	46 (1974) 34
Porphobilinogen derivatives	46 (1974) 34
Post-heparin lipolytic activity	42 (1974) 157
Potassium	
effect on acid-base phosphorylation	43 (1974) 267
effect on proton transport in mitochondria	42 (1974) 54
quantitative analysis by electron microprobe	41 (1974) 81
transport, effect of various drugs	44 (1974) 213
Pregnancy-associated α -macroglobulin	47 (1974) 190
Pregnancy	
inhibition of δ -aminolevulinate synthetase induction	41 (1974) 192

levels of cyclic AMP and cyclic GMP	46 (1974) 180
Pregnenolone, formation from cholesterol	50 (1975) 204
Preribosomal proteins, phosphorylation in vivo	44 (1974) 131
Probenecid, effect on 3',5'-cyclic AMP secretion	41 (1974) 156
Procollagen mRNA, occurrence in microsomes	41 (1974) 85
Progesterone	48 (1974) 7
Prokaryotes, initiation of protein synthesis	48 (1974) 1
Prolactin	44 (1974) 205; 47 (1974) 181
Proline-rich polypeptide	49 (1974) 276
Promitochondria, anion transport	46 (1974) 184
Pronethanol, effect on potassium transport	44 (1974) 213
Propanol	
effect on bilirubin–albumin complexes	41 (1974) 143
effect on potassium transport	44 (1974) 213
Propranolol	50 (1975) 61
Propylbenzylcholine, binding to acetylcholine receptor	46 (1974) 354
Prostaglandin E ₂	48 (1974) 22
Prostaglandin F _{2α}	48 (1974) 22
Prostaglandin F _{2α} receptor	50 (1975) 306
Prostaglandins	
effect of morphine	49 (1974) 260
effect on 3',5'-cyclic AMP	46 (1974) 289; 47 (1974) 146
enzymatic oxidation	49 (1974) 204
two pools in the thyroid	41 (1974) 89
Protamine	
effect on mitochondrial succinate oxidation	41 (1974) 46
structure of chromatin	48 (1974) 156
Protease I of <i>Neurospora crassa</i>	42 (1974) 227
Protease A of <i>Streptomyces griseus</i>	47 (1974) 1
Protease B of <i>Streptomyces griseus</i>	43 (1974) 81
Protease inhibitor A-2 of <i>Neurospora crassa</i>	42 (1974) 227
Protein binding to Sepharose 4B	43 (1974) 264
Protein	
activator of cyclic nucleotide phosphodiesterase	50 (1975) 374
carboxymethylase	49 (1975) 145
catabolism decrease during stimulated growth	46 (1974) 308
entrapment in liposomes	45 (1974) 71
-H ₁ from <i>E. coli</i> , effect on rRNA synthesis	43 (1974) 86
kinase	49 (1974) 228; 49 (1974) 249
associated with vaccinia and vesicular stomatitis viruses	41 (1974) 331
association with ribosomes	47 (1974) 103
defect in spherocytosis erythrocytes	48 (1974) 133
dissociation by mercury derivatives	48 (1974) 238
in skeletal muscle	47 (1974) 162
phosphorylation of neurotubulin components	46 (1974) 285
of renal brush border membranes	50 (1975) 121
-protein crosslinking	48 (1974) 288
secretion, effect of ionophore A23187 and carbachol	43 (1974) 241
synthesis	
effect of ethidium bromide	50 (1975) 303
effect of rhodium complexes	43 (1974) 13
effect of T ₂ toxin	50 (1975) 8
initiation	48 (1974) 1
in mitochondria by exogenous RNA	46 (1974) 96
in yeast	46 (1974) 11
on free and membrane-bound ribosomes	46 (1974) 326
requirement of IF-3	45 (1974) 82

Proteins	
binding of <i>N</i> -acetylglucosamine	50 (1975) 300
effect of SDS on sedimentation velocity	41 (1974) 53
from granule cells	46 (1974) 243
of cowpea chlorotic mottle virus	45 (1974) 50
of <i>E. coli</i> ribosomes	49 (1974) 1
of erythrocyte membranes	47 (1974) 252
of eye lens fibre junctions	45 (1974) 139
of glyoxysomal membranes	47 (1974) 53
ribonucleoprotein particles	41 (1974) 339
of 30S ribosomal subunits	50 (1975) 114
of SV40-transformed fibroblasts	47 (1974) 107
of cerebral cortex membranes regulation of phosphorylation	45 (1974) 237
sequence analysis by protected Edman degradation	41 (1974) 62
with affinity for DNA	44 (1974) 94
with affinity for RNA	46 (1974) 255
<i>see also</i> Brain proteins, Chromosomal proteins, Lipoproteins, Non-histone chromosomal proteins, Serum proteins, Ribosomal proteins, RNA-binding proteins, Structural proteins, Polypeptides, etc.	
Proteolipid from cerebral cortex, binding of acetylcholine and cholinergic drugs	42 (1974) 319
Proteolipid P7 from myelin	45 (1974) 295
Proteolipids from cerebral cortex, binding of cholinergic substances	41 (1974) 151
Proteolysis in lysosomal-cytosol system	45 (1974) 129
Proteolysis in rat liver mitochondria	45 (1974) 244
Prothrombin, homology with factor IX and factor X	47 (1974) 132
Prothrombin, vitamin K-dependent part	44 (1974) 189
Protocatechuate 3,4-dioxygenase	46 (1974) 236
Protochlorophyll	
in vitro synthesis of chlorophyll	49 (1974) 196
photoreduction by NADPH	46 (1974) 301
Protochlorophyllide	49 (1974) 196; 50 (1975) 355
Proton	
effect on peptide bond	10 (1974) 18
interaction with peptides	46 (1974) 192
Proton magnetic resonance (PMR)	
identification of bile acids	41 (1974) 223
of intracellular water in sickle cells	43 (1974) 9
of oxytocin	42 (1974) 179
of rifamycin S	49 (1974) 233
Proton release by enolase	44 (1974) 298
Proton transport	
by ATPase	50 (1975) 91; 50 (1975) 95
effect of ionophore A23187	46 (1974) 343
in chloroplast membranes	48 (1974) 32
in chloroplasts	49 (1974) 106
in chloroplasts and liposomes	41 (1974) 35
in chromatophore membranes	49 (1974) 174; 49 (1974) 203
in mitochondria	42 (1974) 54
in spinach chloroplasts	50 (1975) 245
in <i>T. neapolitanus</i>	49 (1974) 103
role adenosine triphosphatase	43 (1974) 189
Protoplast, nuclear RNA synthesis	44 (1974) 164
Pseudo-Michaelian kinetics	49 (1974) 5
Pteridine cofactor, adsorbent in affinity chromatography	44 (1974) 290
Purine, hydrogen exchange	49 (1974) 181
Puromycin	47 (1974) 167; 50 (1975) 8
Putrescine	41 (1974) 99; 46 (1974) 305; 50 (1975) 1
Pyocin-sensitivity of <i>P. aeruginosa</i>	48 (1974) 301

Pyridoxal-5'-phosphate	49 (1974) 120
analogues	41 (1974) 131
Pyridoxamine-5-phosphate oxidase	41 (1974) 11
Pyrocatechol, synthesis from aniline	50 (1975) 288
Pyrophosphate exchange reaction of aminoacyl-tRNA synthetase	46 (1974) 175
Pyruvamide, role in histidine decarboxylase activity	43 (1974) 308
Pyruvate carboxylase, inactivation by dicarboxylic acids	43 (1974) 27
Pyruvate, conversion from oxaloacetate	42 (1974) 279
Pyruvate decarboxylase	45 (1974) 340
Pyruvate dehydrogenase, interconversion by phenyl pyruvate	43 (1974) 116
Pyruvate kinase	
inactivation by L-alanine	50 (1975) 346
interconvertible forms	50 (1975) 334
isozymes	49 (1974) 73
Pyruvate oxidation	44 (1974) 344; 44 (1974) 348
role in gluconeogenesis	48 (1974) 310
Quaking mouse, brain specific antigens	49 (1974) 264
Quantum-mechanical study of phospholipids	44 (1974) 266
Quinacrine, fluorescent complex with DNA	46 (1974) 239
Quinic acid	42 (1974) 131
Quinone, photoreaction with chlorophyll	48 (1974) 149
Quinovosamine in <i>P. aeruginosa</i>	48 (1974) 301
Radioactive labelling <i>see</i> labelling	
Radioactivity <i>see</i> specific radioactivity	
Radioimmunoassay	
of aldosterone	48 (1974) 230
of lactogenic hormone	45 (1974) 104
of prolactin	47 (1974) 181
<i>see also</i> Immunoassay	
Raman spectroscopy of hemoglobin	48 (1974) 141
Raman spectrometry of hemoproteins	50 (1975) 233
Reaction centers of <i>Rhodopseudomonas spheroides</i> , role of ubiquinone	45 (1974) 344
Reaction kinetics of albumin-1-anilino-8-naphthalene sulfonate binding	43 (1974) 293
Receptor <i>see</i> Acetylcholine receptor, Adrenergic receptor, Estrogen receptor, Lectin receptor, Testosterone receptor	
Red blood cell <i>see</i> Erythrocytes	
Redox potential of the system oxygen-superoxide	44 (1974) 22
Regenerating liver, aldolase C activity	48 (1974) 76
Regulation of colicin E ₁ synthesis	47 (1974) 356
Regulation of inducer exclusion in <i>E. coli</i>	48 (1974) 93
Regulation <i>see also</i> Allosteric regulation	
Regulatory genes, preferential methylation	44 (1974) 121
Relaxation study of albumin	41 (1974) 43
Repetitive DNA, effect of cortisone on transcription	47 (1974) 39
Repetitive DNA of Sea urchin	47 (1974) 43
Replicative intermediates of Sindbis virus	42 (1974) 314
Resonance Raman spectroscopy of carbonanhydrase-aromatic sulfonamide complexes	48 (1974) 283
Respiration-deficient mutants of yeast	45 (1974) 263
Respiration-driven proton translocation	49 (1974) 103
Respiratory chain	
effect of xanthothricin	46 (1974) 23
nature of cytochrome <i>c</i> oxidase	48 (1974) 152
slow inhibition by free fatty acids	46 (1974) 39
Respiratory-deficient yeast mutants	49 (1975) 314
Respiratory particles, reaction of cyanide with cytochrome <i>d</i>	50 (1975) 111

Reticuline	49 (1975) 396
Retina, light-induced cyclic GMP synthesis	49 (1974) 167
Retinaloxime	44 (1974) 257
Rhodanese	49 (1974) 22
Rhodium 2,2'-bipyridine <i>cis-cis</i> -1,5-cyclooctadiene	43 (1974) 13
Rhodium 1,10-phenanthroline <i>cis-cis</i> -1,5-cyclooctadiene	43 (1974) 13
Riboflavin	42 (1974) 1
Ribonuclease	41 (1974) 58; 41 (1974) 227; 48 (1974) 218
Ribonuclease H	43 (1974) 37; 45 (1974) 38
Ribonucleoprotein particles	
analysis of proteins	41 (1974) 339
from polyribosomes of higher plant embryos	41 (1974) 275
from rat liver nucleus	41 (1974) 17
Ribosomal precursor RNA 17S	49 (1974) 215
Ribosomal protein	
-L11	48 (1974) 266; 48 (1974) 271
of 50S subunit	43 (1974) 127
-S ₁	41 (1974) 323
-S ₄ binding to 16S rRNA	41 (1974) 135
-S ₈	48 (1974) 114
-S ₁₂	45 (1974) 324
-S ₁₄ and -S ₁₉	45 (1974) 232
Ribosomal proteins	41 (1974) 310
affinity labelling by <i>N</i> -bromoacetylpuromycin	47 (1974) 167
binding to immobilized RNA	49 (1975) 306
fluorescence study	50 (1975) 250
interaction with 16S RNA	44 (1974) 253
isoelectric points	45 (1974) 299
of peptidyltransferase site	47 (1974) 136
phosphorylation in vivo	44 (1974) 131
of 30S subunit	46 (1974) 296
Ribosomal RNA (rRNA)	
binding protein S8	48 (1974) 114
from plant mitochondria	42 (1974) 305
methylation	49 (1974) 212
synthesis, effect of H ₁ protein	43 (1974) 86
2S from <i>Drosophila</i>	44 (1974) 39
5S	44 (1974) 322; 49 (1974) 1
5S, binding of GTPase and ATPase	42 (1974) 343
5S, from blue-green alga	46 (1974) 63; 46 (1974) 67
5S, interaction with tRNA	42 (1974) 15
5S, protein complex	42 (1974) 42
5-8S, heterogeneity in methylation	45 (1974) 206
16S	50 (1975) 250
16S, binding of protein S4	41 (1974) 135
16S, interaction with ribosomal proteins	44 (1974) 253
16S precursor	46 (1974) 364
16S, sequence analysis	49 (1974) 47
17S	49 (1974) 215
Ribosomal subunits	
acceptor site of tRNA	45 (1974) 213
containing 17S rRNA	49 (1974) 215
localization of phosphoproteins	45 (1974) 88
methods of isolation	41 (1974) 287
'non-enzymatic' translocation	45 (1974) 324
30S, conformational change	47 (1974) 268
30S, identification of proteins	50 (1975) 114

50S	49 (1974) 1
50S, localization of stringent factor	44 (1974) 270
50S, role of protein L11	48 (1974) 266; 48 (1974) 271
Ribosome-associated protein kinase	47 (1974) 103
Ribosomes	
binding of dihydrostreptomycin	50 (1975) 37
conformational change upon formation of 70S particles	47 (1974) 268
conformational study of the unfolding	44 (1974) 50
differences between mitochondrial and cytoplasmic species	41 (1974) 264
effect of protein synthesis inhibitors	46 (1974) 326
from human placenta, differentiation during pregnancy	45 (1974) 104
microcalorimetric study of unfolding	41 (1974) 211
of <i>E. coli</i> , unfolding	49 (1974) 1
purification by affinity chromatography	41 (1974) 69
reaction with peptidyl-RNA analogues	45 (1974) 218
removal of elongation factors	43 (1974) 223
study of protein arrangements	48 (1974) 288
Ribulose 1,5-diphosphate carboxylase	46 (1974) 233
Rifampicin	45 (1974) 259
Rifampicin-resistant RNA polymerase	46 (1974) 333
Rifamycin	49 (1974) 233; 50 (1975) 25
RNA	
binding proteins	41 (1974) 17; 41 (1974) 233; 46 (1974) 255
ligase	46 (1974) 271
–DNA hybridization of chloroplast and mitochondrial nucleic acids of <i>Euglena gracilis</i>	42 (1974) 262
–DNA hybridization of Col E ₁ RNA	47 (1974) 356
–DNA hybridization of immunoglobulin heavy chain mRNA	41 (1974) 73
–DNA hybridization of immunoglobulin mRNA with cDNA	42 (1974) 323
of cowpea chlorotic mottle virus	45 (1974) 50
polymerase	
activity in chromatin	44 (1974) 146
affinity labelling	44 (1974) 157
ATP γ -anilidate as substrate	49 (1975) 163
binding of rifamycin	50 (1975) 25
binding sites on T ₇ DNA	45 (1974) 64
effect of amino acids and pactamycin	41 (1974) 161
effect of rifampicin	45 (1974) 259
effect of Sarkosyl	44 (1974) 330
effect on DNA polymerase	45 (1974) 33
initiation sites on T ₇ DNA	50 (1975) 214
in vitro polynucleotide synthesis	48 (1974) 306
of yeast mitochondria	46 (1974) 333
σ -subunit	48 (1974) 214
synthesis of poly[r(G-s ² C)]	44 (1974) 106
temperature sensitive mutation	48 (1974) 241
transcription specificity	47 (1974) 304
5S precursor	49 (1974) 237
precursors, determination of specific radioactivities	47 (1974) 307
synthesis	
changes after X-ray irradiation	48 (1974) 160
effect of conformation of chromatin	44 (1974) 146
effect of D-galactosamine	44 (1974) 141
effect of rhodium complexes	43 (1974) 13
of repetitive DNA	47 (1974) 39
translation in mitochondria	46 (1974) 96
RNP-particles <i>see</i> Ribonucleoprotein particles	
Ruthenium, inhibition of calcium transport	46 (1974) 109
Ruthenium red, effect on calcium transport	43 (1974) 75

Saccharomyces cerevisiae, lipid particles	43 (1974) 176
Sarcoplasmic reticulum	
effect of long-term electrical stimulation of muscle cells	49 (1974) 188
presence of glycosphingolipids	43 (1974) 23
membranes, thermal analysis	47 (1974) 327
Sarkosyl, effect on RNA polymerase	44 (1974) 330
Scatchard data plot	49 (1974) 267
Scoulevine	49 (1975) 396
Secophalloidin, interaction with actin	44 (1974) 340
Secretin	
effect on cyclic AMP and cyclic GMP	43 (1974) 139
partial purification from chicken intestine	47 (1974) 284
Sedimentation velocity centrifugation of protein-SDS complexes	41 (1974) 53
Semliki forest virus 26S RNA, synthesis of structural proteins	42 (1974) 327
Serum proteins, adsorption to lectin	48 (1974) 126
Sialic acid	47 (1974) 225
mannosamine as precursor	46 (1974) 200
Sialyltransferase	44 (1974) 309
Sickle cell anemia, study of intracellular water	43 (1974) 9
Sindbis virus replicative structures	42 (1974) 314
Skeletal muscle glycogen synthetase kinase	47 (1974) 162
Skeletal muscle, phosphorylase kinase differences in white and red types	42 (1974) 77
Sodium dodecyl sulphate	
effect upon sedimentation velocity of proteins	41 (1974) 53
effect on glucose oxidase	41 (1974) 327
Sodium	
effect on proton transport in mitochondria	42 (1974) 54
effect on superoxide dismutase	50 (1975) 86
quantitative analysis by electron microprobe	41 (1974) 81
Somatostatin	
effect on glucose induced insulin release	42 (1974) 169
inhibition of growth hormone release	46 (1974) 171
Sorbitol	48 (1974) 7
Soybean agglutinin, affinity chromatography	50 (1975) 362
Sparsomycin	45 (1974) 218
Specifically encapsidated RNA fragment (SERF) from TMV	43 (1974) 31
Specific radioactivity, determination of RNA precursors	47 (1974) 307
Spermidine	41 (1974) 99; 46 (1974) 305; 50 (1974) 1
Spermine	41 (1974) 99; 46 (1974) 305; 50 (1975) 1
Spherocytosis of erythrocytes, phosphorylation defect	48 (1974) 133
Sphingomyelin	46 (1974) 55
Squalene, binding by human placental cytosol	47 (1974) 66
Starvation, effect on gluconeogenesis	48 (1974) 310
Stearic acid	48 (1974) 7
Stearyl CoA	
desaturation by metabolites of phenylalanine	49 (1974) 404
effect on phosphate-activated glutaminase	47 (1974) 244
Steroid binding protein, assay in serum	44 (1974) 34
Steroidogenesis, regulation by ACTH	45 (1974) 107
Sterophenol movement in lipid bilayers	42 (1974) 108
Streptogramin A	45 (1974) 218
Streptomycin	45 (1974) 218; 49 (1975) 317
Stringent factor, localization on 50S ribosomal subunits	44 (1974) 270
Strontium	
effect on calcium transport	43 (1974) 75
effect on proton transport in mitochondria	42 (1974) 54
Structural proteins of Semliki forest virus in vitro synthesis by SL-V 26S RNA	42 (1974) 327

Stuart factor <i>see</i> Factor X	
Submitochondrial fractions, carbohydrate composition	47 (1974) 225
Submitochondrial particles	
activation of NADH oxidase	46 (1974) 123
binding of 8-anilino-1-naphthalene-sulphonate	41 (1974) 1
effect of free fatty acids on respiratory chain	46 (1974) 39
effect of phospholipases	45 (1974) 267
MORD and MCD study	46 (1974) 317
precursors of H ₂ O ₂	42 (1974) 68
Subtilisin, hydrolysis of peptide methyl esters	42 (1974) 282
Succinate-cytochrome <i>c</i> reductase, charge transfer	50 (1975) 223
Succinate	
effect on calcium transport	43 (1974) 75
oxidase	46 (1974) 123
transport	46 (1974) 138; 46 (1974) 184
Succinic anhydride	
effect on erythrocyte membranes	42 (1974) 116
effect on yeast cell membranes	42 (1974) 18
Succinylpapain, reaction kinetics study	49 (1974) 191
Sulfadimethoxine	46 (1974) 134
4-Sulfonamido-4'-dimethylaminoazobenzene	48 (1974) 283
4-Sulfonamido-4'-hydroxyazobenzene	48 (1974) 283
Sulfur-containing analogues of ATP, interaction with adenylate cyclase	41 (1974) 199
Superinduction	50 (1975) 17
Superoxide dismutase	43 (1974) 247; 44 (1974) 337; 49 (1975) 392; 50 (1975) 315
effect of ionic strength	50 (1975) 86
reaction with Cu ²⁺ -chelates	47 (1974) 72
singlet oxygen as substrate	44 (1974) 97
superoxide as substrate	42 (1974) 68
Superoxide radicals, substrate for superoxide dismutase	42 (1974) 68
Suprahelices in polypeptides	41 (1974) 307
SV40 genome, transcription after addition of cytosine arabinoside	42 (1974) 124
SV40 tumor antigen	43 (1974) 219
SV40 tumor antigens, expression after phospholipase C treatment	45 (1974) 59
Synaptic vesicle membrane glycoproteins	47 (1974) 276
Synaptosomal amino acid uptake	48 (1974) 176
Synchronized cultures of <i>P. cyclopius</i>	50 (1975) 17
Tartryl derivatives, use in protein-protein crosslinking	48 (1974) 288
Taurine: α -ketoglutarate aminotransferase, transamination of hypotaurine	45 (1974) 111
Taurodeoxycholate	49 (1975) 334
Tendon fibroblasts, occurrence of procollagen mRNA	41 (1974) 85
Testosterone	48 (1974) 7
-binding protein in serum	44 (1974) 34
receptor in rat testes	47 (1974) 209
Tetracaine, effect on potassium transport	44 (1974) 213
Tetracycline	45 (1974) 218; 48 (1974) 7
Thenoyltrifluoroacetone	
effect on NADH-cytochrome <i>c</i> reductase	45 (1974) 1
inhibition of malate dehydrogenase	49 (1974) 170
Theobromine, effect on in vitro polypeptide synthesis	45 (1974) 132
Theophylline	45 (1974) 132; 49 (1974) 65
Thermal phase transition of phosphorylcholine-phosphorylethanolamine mixtures	43 (1974) 71
Thermophilic bacteria, 5-methyl-2-thiouridine in tRNA	43 (1974) 59
Thiosulphate transport in mitochondria	46 (1974) 247
Thymine peroxy radicals	44 (1974) 334

Thyroid cells	
effect of calcium on metabolism	49 (1974) 96
lack of TSH-binding	48 (1974) 275
Thyroid membranes, binding of thyroid stimulators	42 (1974) 301
Thyroid-stimulating hormone (TSH)	48 (1974) 275; 49 (1974) 96
binding to thyroid membranes	42 (1974) 301
effect on 3'5'-cyclic AMP	46 (1974) 289
effect on synthesis of prostaglandins	41 (1974) 89
Thyrotropin releasing hormone (TRH)	44 (1974) 101
conformation	42 (1974) 340
NMR study	42 (1974) 347
Tilorone and derivatives, effect on DNA	41 (1974) 169
Tobacco mosaic virus (TMV) 8S protein	41 (1974) 25
Tobacco mosaic virus (TMV) RNA	43 (1974) 31; 45 (1974) 228
Tolbutamide, effect on insulin secretion	49 (1975) 407
Toxin T-2	50 (1975) 8
Toxin, <i>see also</i> Epidermolytic toxin Neurotoxin Phospholipase C	
Toxoflavin	46 (1974) 23
Transcobalamins, separation on cellulose filters	44 (1974) 71
Transcription of the colicin E ₁ genome, induction by mitomycin C	47 (1974) 356
Transcription specificity of RNA polymerase A	47 (1974) 304
Transcription specific proteins from <i>B. subtilis</i>	44 (1974) 94
Transcription, structure of initiation region	46 (1974) 357
Transcription, <i>see also</i> RNA synthesis	
Transferrin	46 (1974) 276
structure of glycoconjugates	50 (1975) 296
Transfer RNA (tRNA)	
binding site on ribosomal subunits	45 (1974) 213
effect of calcium on amino-acylation	41 (1974) 185
effect on interferon-induced inhibition of mRNA translation	41 (1974) 125
effect on pyrophosphate exchange reaction of histidyl-tRNA synthetase	46 (1974) 175
interaction with 5S RNA	42 (1974) 15
NMR study	41 (1974) 40
Transfer RNA (tRNA)	
nucleotidyltransferase, 'repair' of TMV-RNA	45 (1974) 228
occurrence of 5-methyl-2-thiouridine	43 (1974) 59
Transfer RNA (tRNA) of bacteriophage ϕ 80pSU3 ^{ts-6}	45 (1974) 223
precursor, modification of nucleosides	48 (1974) 117
presence of uridin-s-oxyacetic acid methyl ester	48 (1974) 279
role in mRNA translation	49 (1974) 376
two-dimensional electrophoresis	50 (1975) 185
4-thiouridine, photoinduced modification of phenylalanyl-tRNA synthetase	49 (1974) 159
Translation, effect of interferon	41 (1974) 125
Translocation of sugars in <i>E. coli</i>	48 (1974) 93
Translocation factor	42 (1974) 42
Transpeptidation by pepsin	46 (1974) 29
Transport, <i>see</i> Axoplasmic transport, Calcium transport, Electron transport, Proton transport, etc	
Tributyrin	49 (1975) 334
Triglyceride lipase	42 (1974) 157
Triglycerides	
biosynthesis from monoglycerides	41 (1974) 65
interaction with high density lipoprotein	44 (1974) 43
Triton X-100, binding serum albumin	42 (1974) 36
Tropoelastin	44 (1974) 59
Tropolone, binding of colchicine to tubulin	42 (1974) 112
Tropomyosin	42 (1974) 50

Troponin I	41 (1974) 166; 42 (1974) 249; 42 (1974) 253; 50 (1975) 57
Troponin C	42 (1974) 173
Trypsin	
effect of diamidino- α_1 ω -diphenylcarbonyl-poly(ethylene glycol)	42 (1974) 214; 42 (1974) 218
induced substrate inhibition	49 (1975) 329
inhibition of α -crystallin	48 (1974) 72
Trypsinogen, inactivation by methane sulfonyl fluoride	41 (1974) 108
Tryptophan	
assay by an immobilized enzyme system	41 (1974) 216
complex with zinc and ATP	47 (1974) 122
fluorinated derivatives	43 (1974) 135
quenching of fluorescence by cesium	49 (1974) 208
reaction with 2-hydroxy-5-nitrobenzyl bromide	50 (1975) 243
thermal difference spectra	48 (1974) 101
Tryptophanase, holo-enzyme	48 (1974) 56
Tryptophanyl tRNA	41 (1974) 297
Tryptophanyl tRNA synthetase	43 (1974) 135; 45 (1974) 202
Tubocurarine	48 (1974) 130
Tubulin, effect of tropolone on colchicine binding	42 (1974) 112
Tyrosinase inhibitor	49 (1974) 156
Tyrosine amino-transferase, effect of hydrocortisone and cyclic-AMP	46 (1974) 158
Tyrosine aminotransferase, inhibition by interferon	48 (1974) 297
Tyrosine	
binding to brain protein	50 (1975) 5
quenching of fluorescence by cesium	49 (1974) 208
thermal difference spectra	48 (1974) 101
Ubiquinone	
antagonism by dibromothymoquinone	41 (1974) 115
effect on NADH and succinate oxidase	46 (1974) 123
role in photosynthesis	45 (1974) 344
UDP- <i>N</i> -acetylmuramoylpentapeptide	48 (1974) 172
UDP-glucuronyl transferase	42 (1974) 73; 43 (1974) 323
UDP-glucuronosyltransferase, effect of chrysene and CCl ₄	42 (1974) 46
UDP-phosphohydrolase	42 (1974) 73
Uracil transport, control by cyclic AMP	45 (1974) 155
Uridine incorporation into DNA	50 (1975) 32
Uridin-5-oxyacetic acid methyl ester	48 (1974) 279
Uroporphyrinogen I ₁ , synthesis from porphobilinogen	46 (1974) 34
UTP, determination of specific radioactivity	47 (1974) 307
Vaccinia virus-associated protein kinase	41 (1974) 331
Vaccinia virus mRNA	49 (1975) 385
Vacuolation, in mouse peritoneal macrophages	46 (1974) 203
Valine, catabolite repression of acetohydroxy acid synthetase	43 (1974) 64
Valinomycin	43 (1974) 267; 44 (1974) 1; 49 (1974) 106
biosynthesis	42 (1974) 127
Valyl-tRNA	45 (1974) 333; 47 (1974) 56
Vasoactive intestinal polypeptide	43 (1974) 139
Vasoactive octacosapeptide from chicken intestine	47 (1974) 284
Vasopressin, effect on 3,5'-cyclic AMP	47 (1974) 128
Vasopressin, <i>see also</i> Arginine vasopressin	
Verrucaric acid	48 (1974) 7
Very low density lipoproteins (VLDL)	50 (1975) 175
affinity chromatography	41 (1974) 174
formation from HDL and triglycerides	44 (1973) 43
study of protein moieties	41 (1974) 335

FEBS LETTERS

Vesicular stomatitis virus-associated protein kinase	41 (1974) 331
Vesicular stomatitis virus, RNA translation	50 (1975) 369
Vitamin	
B ₆ analogues, study of aspartate aminotransferase	41 (1974) 131
B ₁₂ -replacing factor, identification as 5'-methyl-thioadenosine	43 (1974) 261
D activation reaction, effect of cadmium	42 (1974) 23
D, regulation of 25-hydroxycholecalciferol metabolism	43 (1974) 353
D ₁ , effect on synthesis of calcium-binding protein	45 (1974) 122
D ₃ , derivatives, liquid chromatography	48 (1974) 122
K-dependent part of prothrombin	44 (1974) 189
Wheat germ agglutinin	
binding of <i>N</i> -acetyl-D-glucosamine oligomers	46 (1974) 224
binding of <i>O</i> -(4-methyl-umbelliferyl)-glycosides	46 (1974) 229
Water-hemoglobin S interaction	43 (1974) 9
Water-photolysis, localization in chloroplast membrane	42 (1974) 165
Wax formation in barley mutants	42 (1974) 187
Xanthothricin (toxoflavin)	46 (1974) 23
X-ray irradiated rat, absence of granule cell proteins	46 (1974) 243
X-ray irradiation	
changes of RNA synthesis	48 (1974) 160
effect on NAD- and DNA-metabolism	44 (1974) 127
X-ray photoelectron spectroscopy of Hg-thionein	48 (1974) 222
X-ray study	
of antibody fragments	44 (1974) 194
study of cobalt binding to lysozyme	49 (1974) 178
of copper-AMP	41 (1974) 243
Xylosyltransferase	49 (1974) 342
Yeast, respiration-deficient mutants	45 (1974) 263
Y-protein	45 (1974) 6
Zinc, complex with tryptophan and ATP	47 (1974) 122
Zonal ultracentrifugation of abnormal high density lipoprotein	50 (1975) 180
Zonal centrifugation of platelet membranes	41 (1974) 317
Zymogen granule, phosphorylation of proteins	49 (1974) 228